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STATISTICS OF

Land-Grant Colleges and Universities

YEAR ENDED JUNE 30, 1949

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CONTENTS

TEXT AND SUMMARY TABLES:

Page

1. Comparative summary of staffs, 1947–48 and 1948–49 4
2. Comparative summary of all students, 1947–48 and 1948–49 4
3. Comparative summary of undergraduate resident students, by field, 1947–48 and 1948–49 5
4. Comparative summary of degrees conferred, by field, 1947–48 and 1948–49 6
5. Comparative summary of undergraduate enrollments, regular session, in land-grant institutions, by field of specialization, 1936–37 to 1948–49 7
6. Comparative summary of regular session enrollments, by level, 1936–37 to 1948–49 8
7. Comparative summary of finances, 1947–48 and 1948–49 9

DETAIL TABLES:

8. Staff of land-grant institutions, 1948–49 10
9. Students in land-grant institutions, regular session, 1948–49 12
10. Students in fall enrollment in land-grant institutions, 1949 14
11. Resident college enrollment in land-grant institutions, by field, 1948–49 16
12. Degrees conferred by land-grant institutions, by field, 1948–49 20
13. Income of land-grant institutions, excluding receipts specifically designated for capital outlay and permanent funds, 1948–49 28
14. Endowments and other nonexpendable funds, including receipts specifically designated to these funds of land-grant institutions, 1948–49 31
15. Expenditures of land-grant institutions, 1948–49 34
16. Physical plant, receipts specifically designated, and expenditures for extension of plant in land-grant institutions, 1948–49 36
17. Federal funds received by land-grant institutions for year ended June 30, 1949 40
18. Land-grant funds of 1862 (First Morrill Act) and other Federal land-grant funds for year ended June 30, 1949 44
19. Receipts and disbursements of Morrill-Nelson and Bankhead-Jones funds for year ended June 30, 1949 46

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STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES, YEAR ENDED JUNE 30, 1949

THIS is the report of 69 land-grant institutions for the year ended June 30, 1949. A preliminary report giving selected data from those institutions that had reported at that time was prepared and distributed at the meeting of the Association of Land-grant Colleges and Universities in Kansas City, Mo., on October 25–27, 1949. The report included data from the annual reports on enrollments and degrees from 60 institutions, and on finances from 58 institutions.

The land-grant colleges—so-called because public lands were granted to the States for their establishment or support—operate in each of the 48 States and in Alaska, Hawaii, and Puerto Rico. In States maintaining segregated school systems, separate land-grant colleges have been established for Negro students.

The land grants to the States were made by the Morrill Act of 1862 in order to foster the development, in at least one college in each State, of education in agriculture and the mechanic arts. Each State was left to decide whether the college should be made a part of an already existing institution (commonly the State university) or whether it should be a completely separate institution. About half the States adopted one policy and half the other. Hence more than half the States have both a State university and a land-grant institution on separate campuses, usually under separate boards of control. A number of States which established separate land-grant institutions have in recent decades joined their State universities and their land-grant colleges or universities under single boards in their efforts to coordinate the programs of the two institutions in a given State. A few States, notably Delaware, New Jersey, New York, and Pennsylvania, utilize as land-grant institutions universities under varying degrees of private control. (A fuller statement on the history of land-grant colleges and universities appears in the report for the year ended June 30, 1948.)

THE QUESTIONNAIRES.—The second Morrill Act (1890) requires that each land-grant college and university make two reports annually: (1) a detailed statement by the treasurer of Federal appropriations received and disbursed; and (2) a report by the president regarding the condition and progress of the institution.

The detailed statement by the treasurer was requested and made in the same form that has been used by the Office of Education for the past 13 years.

The report by the president is requested in two parts and a supplement. Part I gives the number of staff members, variously classified, students, and degrees, by level and by field; part II shows financial transactions and condition of the institution; the supplement (schedule G) details the funds received from the Federal Government, the total of which is carried in part II, the report on educational and general income of the institution.

The data on the number of freshman students and the number of students enrolled in the fall term were taken from the fall survey of enrollments in institutions of higher education in 1948.

Few changes were made in the form of the reports requested from the presidents in 1948–49. The question on income from the Federal Government was separated into four subdivisions, as follows: (*a*) Regular recurring appropriations to land-grant institutions; (*b*) research under special contracts; (*c*) grants from the Veterans' Administration for tuition and fees of veterans; (*d*) all other grants from the Federal Government including those provided by the Army, Navy, the United States Public Health service for special programs, and the TVA.

STAFF.—There was a small increase of 2.2 percent in the total number of full-time staff members in institutions for white [1] students. Men staff members increased 2.9 percent, but the number of women staff members decreased less than one-half of 1 percent from the previous year. In the 17 institutions for Negroes, the full-time staff increased by 2.8 percent.

STUDENTS (undergraduate, graduate, and special).—Data for 1948–49 show regular session enrollment of 498,455 in the "white" institutions, compared with 498,877 for 1947–48, a decrease of 422 students, less than one-tenth of 1 percent. There were 2,759 more men students enrolled in 1948–49 than in 1947–48 but 3,181 fewer women students. In the 17 institutions for Negroes the total enrollment for 1948–49 shows a decrease. Broken down by sex, the trend is in the opposite direction from that in the "white" institutions—the men students decreased by 367, while the women increased by 293—a net decrease of 124 in the total number of students in the 1948–49 period from the previous period.

UNDERGRADUATE STUDENTS, BY FIELD.—There is a net decrease of approximately 2 percent in the total undergraduate enrollment in 1948–49 under the enrollment for 1947–48 in the "white" institutions.

[1] Wherever "white" is used in this bulletin it included all students except those enrolled in the 17 institutions maintained for Negroes in the 17 Southern States. There are, therefore, a certain number of Negro students included in the "white" classification in the nonsegregated schools.

In the institutions for Negroes there is a decrease in the undergraduate enrollment of approximately 3 percent under the figures of 1947–48. The decrease occurs almost entirely in the arts and science field.

The forms submitted to the institutions for 1946–47 and 1947–48 provided for students enrolled in "commerce" and "education" to be reported as "other professional." The form for 1948–49 was revised to include commerce and education in their separate classifications. This change in reporting accounts for most of the decrease in the number of students enrolled under "other professional." If the number of students in commerce and education are added to the total of other professional, students in this classification in 1948–49 will total 91,228 as compared to 74,315 in 1947–48. All other fields, except agriculture, show small decreases.

Degrees.—The total number of degrees conferred in all fields increased in 1948–49 over 1947–48. Total bachelor's and first professional degrees for men increased 41 percent; for women, 0.5 percent. Total master's degrees increased 20 percent and total doctor's degrees, 33 percent. Degrees in all fields and at all levels show increases except in bachelor's degrees to women in arts and sciences.

Income.—In institutions for white students the total educational and general income for 1948–49 shows an increase of $47,630,481, or 10.4 percent over the period of 1947–48. When the income from the Federal Government is broken down into subdivisions, only the income from the Veterans' Administration for veterans' fees shows a decrease. This is offset many times by the net increase of $17,687,265 from other Federal grants and appropriations.

The total educational and general income in the colleges for Negroes shows an increase over the 1947–48 period of approximately 33 percent. The increases occurred in all categories except from private benefactions.

Expenditures.—Total expenditures for educational and general expenses in 52 white institutions in 1948–49 increased $59,670,193 or 14 percent over the previous period. Every service showed increases, the greatest being the 20-million-dollar increase in the field of separately budgeted organized research. Total expenditures in the 17 colleges for Negroes increased 18 percent.

Federal Funds.—The amounts received from the regular recurring appropriations by Congress to the land-grant institutions remain practically the same from year to year, except in the case of a new fund that becomes available to the institutions at graduated rates for the first few years it is in effect. The Research and Marketing Act (Hope-Flannagan) made available an appropriation under such conditions under Law 733. The income from this fund is, therefore, greater in 1948–49 than in 1947–48, the first year it became effective.

Table 1.—COMPARATIVE SUMMARY OF STAFFS, 1947–48 AND 1948–49

Item	1947–48			1948–49		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
53 LAND-GRANT INSTITUTIONS (WHITE)						
Total staff (full-time equivalent)	54,321	43,858	12,463	57,538	45,140	12,398
Staff (full- and part-time):						
Resident instruction	36,404	29,771	6,633	38,220	31,524	6,696
Organized research	10,191	8,861	1,330	10,995	9,499	1,296
Extension service	18,119	12,381	5,738	19,574	13,522	6,052
General administration	2,895	2,096	799	3,140	2,245	895
17 LAND-GRANT INSTITUTIONS (NEGRO)						
Total staff (full-time equivalent)	1,946	1,118	828	2,195	1,344	851
Staff (full- and part-time):						
Resident instruction	1,443	850	593	1,614	1,019	595
Organized research	4	4	.....	8	8	.....
Extension service	351	186	165	543	306	237
General administration	234	138	96	252	173	89

Table 2.—COMPARATIVE SUMMARY OF ALL STUDENTS, 1947–48 AND 1948–49

Item	1947–48			1948–49		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
53 LAND-GRANT INSTITUTIONS (WHITE)						
Undergraduate, graduate, and special students	498,877	390,558	108,319	498,455	393,317	105,138
Total undergraduate students [1]	448,380	353,681	94,699	439,662	349,605	90,057
Total graduate students	41,376	31,772	9,604	48,118	37,332	10,786
Total special students	9,121	5,105	4,016	10,675	6,380	4,295
Students enrolled for the first time	89,665	68,431	21,234	85,271	63,076	22,195
Summer session students, 1946–47 and 1947–48	199,339	151,366	47,973	194,723	146,270	48,453
Students in correspondence courses	110,818	68,967	41,851	78,228	42,822	35,406
Extension courses	266,671	204,827	93,844	262,846	171,399	91,449
17 LAND-GRANT INSTITUTIONS (NEGRO)						
Undergraduate, graduate, and special students	24,107	13,943	10,164	23,983	13,576	10,407
Total undergraduate students	22,987	13,147	9,840	22,261	12,161	10,100
Total graduate students	258	128	130	306	127	179
Total special students	862	668	194	1,416	1,288	128
Students enrolled for the first time	7,352	4,411	2,941	6,134	3,175	2,959
Summer session students, 1946–47 and 1947–48	15,115	6,237	8,878	14,781	6,210	8,571
Students in correspondence courses	888	100	788	868	78	790
Extension classes	7,844	4,055	3,789	8,028	2,062	5,966

[1] Does not include 1,968 men duplicates and 423 women duplicates in 1947–48, and 2,968 men duplicates and 1,093 women duplicates in 1948–49 enrolled in more than 1 of the undergraduate schools.

Table 3.—COMPARATIVE SUMMARY OF UNDERGRADUATE RESIDENT STUDENTS, BY FIELD, 1947–48 AND 1948–49

Item	1947–48	1948–49	Item	1947–48	1948–49
1	2	3	1	2	3
53 LAND-GRANT INSTITUTIONS (WHITE)			**17 LAND-GRANT INSTITUTIONS (NEGRO)**		
Total	[1] 648,280	[1] 639,082	**Total**	23,987	23,261
Arts and sciences	185,127	169,395	Arts and sciences	14,047	9,849
Agriculture	45,270	45,848	Agriculture	1,369	1,982
Architecture	4,008	3,938	Architecture	25	
Commerce	(2)	42,781	Commerce	(2)	1,566
Dentistry	1,748	1,937	Education	(2)	4,469
Education	(2)	26,860	Engineering	500	757
Engineering	101,268	93,918	Home economics	1,411	1,846
Home economics	15,709	15,343	Law	59	75
Law	9,039	8,584	Nursing	121	140
Medicine	4,822	4,751	Other professional [3]	5,455	1,577
Nursing	2,918	2,691			
Pharmacy	6,544	6,115			
Other professional [3]	74,315	21,587			

[1] Does not include 1,963 men duplicates and 423 women duplicates in 1947–48, and 2,998 men duplicates and 1,093 women duplicates in 1948–49, enrolled in more than 1 of the undergraduate schools.
[2] Students in commerce and education were included with "other professional" in 1947–48.
[3] Includes students in business and commerce, and education (only in 1947–48) and fine arts, forestry, health and physical education, insurance, journalism, laboratory and medical technician courses, library science, music, occupational and physical therapy, optometry, political science, social work, sugar technology, textiles, and veterinary medicine.

Table 4.—COMPARATIVE SUMMARY OF DEGREES CONFERRED, BY FIELD, 1947–48 AND 1948–49

Item	1947–48				1948–49			
	Bachelor's and first professional		Master's	Doctor's	Bachelor's and first professional		Master's	Doctor's
	Men	Women			Men	Women		
1	2	3	4	5	6	7	8	9
52 LAND-GRANT INSTITUTIONS (WHITE)								
Total degrees conferred	**48,008**	**17,908**	**[1] 10,086**	**[2] 1,897**	**67,838**	**17,900**	**12,088**	**1,646**
In schools of arts and sciences	14,459	9,348	[3] 3,225	[4] 523	17,610	8,856	4,226	888
In professional schools	33,609	8,555	[3] 6,070	[4] 593	50,228	9,134	7,867	958
Agriculture	5,584	179	1,034	178	8,198	191	1,182	330
Architecture	342	29	53	.....	423	37	61	.....
Commerce	(5)	(5)	(5)	(5)	10,662	1,030	809	28
Dentistry	293	17	11	.....	381	20	13	.....
Education	(5)	(5)	(5)	(5)	3,190	3,302	2,942	183
Engineering	14,090	83	1,662	91	19,274	78	1,921	211
Home economics and hotel administration	88	2,853	234	5	143	2,888	341	6
Law	1,747	88	6	.....	2,286	63	4	.....
Medicine	1,073	131	56	16	908	133	226	11
Nursing	.....	742	.....	.....	.....	455	.....	.....
Pharmacy	505	191	13	6	984	154	34	12
All other professional [6]	9,887	4,242	3,001	297	3,876	783	634	177
17 LAND-GRANT INSTITUTIONS (NEGRO)								
Total degrees conferred	**922**	**1,377**	**80**	.....	**1,396**	**1,775**	**118**	.....
In schools of arts and sciences	456	695	15	.....	524	548	48	.....
In professional schools	466	682	15	.....	872	1,227	70	.....
Agriculture	178	28	1	.....	293	1	14	.....
Architecture	2	.....	.....	.....	.....	.....	.....	.....
Commerce	(5)	(5)	(5)	.....	99	108	2	.....
Education	(5)	(5)	(5)	.....	225	662	45	.....
Engineering	30	.....	.....	.....	89	.....	.....	.....
Home economics	1	344	2	.....	1	408	9	.....
Law	4	.....	.....	.....	17	.....	.....	.....
Nursing	.....	9	.....	.....	.....	18	.....	.....
All other professional [6]	251	401	12	.....	148	30	.....	.....

[1] Includes 791 undistributed master's degrees.
[2] Includes 281 undistributed doctor's degrees.
[3] Does not include any of the master's degrees conferred by Ohio State University.
[4] Does not include any of the doctor's degrees conferred by Cornell University and Ohio State University.
[5] Degrees in commerce and education were included with "Other professional" degrees.
[6] Includes degrees in commerce and education (only in 1947–48), and forestry veterinary medicine, textiles, and other professions not tabulated in detail.

Table 5.—COMPARATIVE SUMMARY OF UNDERGRADUATE ENROLLMENTS, REGULAR SESSION, IN LAND-GRANT INSTITUTIONS BY FIELD OF SPECIALIZATION, 1936–37 TO 1948–49

Year	Undergraduate students (excluding duplicates) [1]		Arts and sciences	Agriculture	Architecture	Commerce	Dentistry	Education	Engineering	Fine arts	Home economics	Journalism	Law	Library science	Medicine	Music	Nursing	Pharmacy	Other
	Men	Women																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	52 LAND-GRANT INSTITUTIONS (WHITE)																		
1936–37	139,636	56,579	74,347	21,254	1,120	15,992	1,300	15,978	34,904	530	12,032	1,166	3,896	210	4,274	595	1,609	2,300	4,708
1937–38	(a) 150,650	(a) 60,638	76,494	25,616	1,006	16,601	1,307	17,975	39,249	327	12,844	1,104	3,403	192	4,005	595	1,560	2,341	9,738
1938–39	(b) 160,622	(b) 64,531	80,522	27,456	1,080	17,902	1,239	19,212	41,431	350	14,714	931	3,760	261	4,664	632	2,013	2,186	9,399
1939–40	(c) 164,560	(c) 67,417	82,717	29,519	1,267	17,830	1,237	19,194	43,750	701	16,543	990	3,670	267	4,186	821	2,040	2,270	9,485
1940–41	(d) 163,455	(d) 68,646	83,296	27,917	1,161	17,406	1,270	17,026	44,350	521	17,325	1,008	3,376	256	4,584	1,006	2,219	2,260	9,764
1941–42	(e) 151,640	(e) 67,811	79,129	23,356	959	15,754	1,429	15,365	45,579	715	16,815	923	2,363	219	4,869	701	2,564	2,334	8,903
1942–43	(f) 143,106	(f) 64,138	75,414	18,354	846	13,364	1,657	12,815	50,732	423	14,781	644	1,346	114	5,080	541	2,822	2,176	8,299
1943–44	(g) 171,383	(g) 70,403	87,006	4,207	356	6,002	1,519	8,714	35,577	415	12,701	443	730	92	4,724	475	3,912	1,057	[3] 105,424
1944–45	(h) 82,950	(h) 81,814	61,886	4,751	502	7,878	1,375	11,158	20,942	872	13,113	729	857	89	3,996	615	4,274	1,201	31,926
1945–46	(i) 170,215	(i) 94,548	104,241	18,971	1,314	22,597	1,464	16,701	51,998	1,409	15,102	1,410	3,324	189	4,962	805	4,046	2,791	14,883
1946–47	(j) 324,595	(j) 99,398	192,842	38,475	2,927	(4)	2,386	(4)	97,833	(4)	15,393	(4)	6,553	(4)	4,623	(4)	3,276	5,184	59,846
1947–48	(k) 353,681	(k) 94,699	185,127	45,270	4,008	(4)	1,746	(4)	101,298	(4)	15,709	(4)	9,039	(4)	4,822	(4)	2,918	6,544	74,315
1948–49	(l) 349,605	(l) 90,057	169,395	45,848	3,938	42,781	1,937	28,860	93,918	(4)	15,343	(4)	8,584	(4)	4,751	(4)	2,691	6,115	21,587
	17 LAND-GRANT INSTITUTIONS (NEGRO)																		
1936–37	4,759	5,506	[5] 10,265																
1937–38	4,957	5,733	6,226	895				1,871			936								782
1938–39	5,365	5,987	8,459	715		185		681	109		777	63							363
1939–40	5,770	6,181	9,302	733		148		535	274		737					12			210
1940–41	6,069	6,644	8,422	690	3	257		1,998	103	7	696		29			67	46		395
1941–42	5,744	6,772	8,315	585	1	231		1,713	23	10	799		35			59	40		705
1942–43	4,141	6,630	7,628	552	8	339		892	193	15	876	4	20			78	54		122
1943–44	2,087	7,199	6,440	187	8	427		465	256		1,109		2				55		337
1944–45	2,338	8,752	7,904	246		577		795	118		1,169		9				99		173
1945–46	5,106	9,998	9,783	510		1,110	1	1,363	532	13	1,347	3	22				51	49	329
1946–47	10,557	8,783	15,001	549		(6)		(6)	121	(6)	867	(6)	38	(6)		(6)	49		2,915
1947–48	13,147	9,840	14,047	1,369	25	(6)		(6)	500	(6)	1,411	(6)	59	(6)		(6)	121		5,455
1948–49	12,161	10,100	9,849	1,982		1,566		4,469	757	(6)	1,846	(6)	75	(6)		(6)	140		1,577

[1] Duplicate men and women are excluded as follows:
(a) 2,274 men and 796 women.
(b) 1,877 men and 741 women.
(c) 2,820 men and 1,690 women.
(d) 1,632 men and 1,041 women.
(e) 1,941 men and 605 women.
(f) 1,311 men and 853 women.
(g) 771 men and 797 women.
(h) 560 men and 840 women.
(i) 893 men and 551 women.
(j) 3,995 men and 1,340 women.
(k) 1,953 men and 423 women.
(l) 2,993 men and 1,093 women.

[2] Includes many military students that were not classified by the institution.

[3] All students in the institutions for Negroes were reported in arts and sciences at this time.

[4] Included in "Other," column 20.

Table 6.—COMPARATIVE SUMMARY OF REGULAR SESSION ENROLLMENTS, BY LEVEL, 1936–37 TO 1948–49

Year	Total [1]		Graduate students		Special students		Undergraduate students	
	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9
	52 Land-Grant Institutions (White)							
1936–37	154,623	63,351	13,359	5,298	1,628	1,474	139,636	56,579
1937–38	(a) 167,139	(a) 67,802	14,823	5,481	1,877	1,825	150,650	60,638
1938–39	(b) 179,040	(b) 71,640	16,537	5,405	2,141	1,832	160,622	64,531
1939–40	(c) 184,218	(c) 74,962	17,720	5,956	2,245	1,755	164,560	67,417
1940–41	(d) 182,916	(d) 76,118	17,398	5,924	2,356	1,713	163,455	68,646
1941–43	(e) 166,916	(e) 74,776	13,592	5,460	1,899	1,678	151,640	67,811
1942–43	(f) 153,558	(f) 70,625	8,421	4,796	2,132	1,711	143,106	64,138
1943–44	(g) 180,390	(g) 76,038	6,797	4,274	2,313	1,445	171,383	70,403
1944–45	(h) 93,275	(h) 88,641	6,264	4,987	4,116	1,940	82,950	81,814
1945–46	(i) 191,919	(i) 102,190	16,277	6,219	5,482	1,480	170,215	94,548
1946–47	356,597	109,177	27,077	7,906	4,925	1,813	324,595	99,398
1947–48	390,558	108,319	31,772	9,604	5,105	4,016	353,681	94,699
1948–49	393,317	105,138	37,332	10,786	6,380	4,295	349,605	90,057
	17 Land-Grant Institutions (Negro)							
1936–37	4,759	5,506	----------	----------	(2)	(2)	4,759	5,506
1937–38	4,960	5,741	3	8	(2)	(2)	4,957	5,733
1938–39	5,575	6,208	17	16	193	205	5,365	5,987
1939–40	6,033	6,432	33	28	230	223	5,770	6,181
1940–41	6,443	6,917	53	95	321	178	6,069	6,644
1941–42	5,987	6,929	44	66	199	91	5,744	6,772
1942–43	4,361	6,815	25	35	195	150	4,141	6,630
1943–44	2,129	7,275	18	54	24	22	2,087	7,199
1944–45	2,501	8,898	27	61	136	85	2,338	8,752
1945–46	5,561	10,200	71	104	384	98	5,106	9,998
1946–47	11,427	8,977	116	103	754	91	10,557	8,783
1947–48	13,943	10,164	128	130	668	194	13,147	9,840
1948–49	13,576	10,407	127	179	1,288	128	12,161	10,100

[1] Duplicate men and women enrolled in both graduate and undergraduate schools are excluded in the totals, as follows:

(a) 211 men and 142 women.
(b) 260 men and 128 women.
(c) 307 men and 166 women.
(d) 293 men and 165 women.
(e) 215 men and 173 women.
(f) 71 men and 20 women.
(g) 103 men and 84 women.
(h) 55 men and 100 women.
(i) 55 men and 57 women.

[2] Special students were included with undergraduate students.

Table 7.—COMPARATIVE SUMMARY OF FINANCES, 1947–48 AND 1948–49

Item	1947–48		1948–49	
	52 land-grant institutions (white)	17 land-grant institutions (Negro)	52 land-grant institutions (white)	17 land-grant institutions (Negro)
1	2	3	4	5
	General Income			
Total educational and general	$474,282,579	$10,593,986	$531,913,069	$12,942,486
Student fees	41,009,754	1,320,051	42,846,973	1,605,496
Federal Government:				
Regular appropriations for instruction, for experiment stations, and extension	40,067,253	477,264	45,126,636	477,565
Federal grants for research other than for experiment stations	45,486,924	----------	60,105,312	----------
Receipts from Veterans' Administration for tuition and fees	83,602,693	1,902,679	82,141,713	2,471,868
Other Federal grants [1]	2,535,646	54,847	2,006,120	173,524
State governments	189,543,623	6,050,775	210,121,451	7,352,271
County, city, or district governments	2,989,979	41,837	3,364,700	52,774
Endowment earnings	7,541,156	28,437	8,176,048	29,188
Private benefactions	14,296,812	43,060	18,571,135	40,347
Sales and services	37,140,362	384,908	39,131,141	505,883
Miscellaneous	10,068,377	290,128	10,321,831	233,570
Auxiliary enterprises	128,284,015	4,626,974	130,509,948	5,536,653
Noneducational purposes	(2)	(2)	9,194,624	380,577
	Expenditures			
Total educational and general	$423,697,846	$9,949,371	$483,368,639	$11,795,723
Administration and general expense	32,351,606	1,362,191	37,906,100	1,545,421
Resident instruction	156,164,946	6,149,940	168,594,687	6,129,687
Organized research, separately budgeted	95,310,486	10,630	115,257,442	9,282
Extension	63,194,872	247,452	68,255,333	317,900
Libraries	9,927,068	340,296	11,532,755	426,029
Physical plant operation and maintenance	41,212,159	2,296,446	46,234,960	2,638,369
Organized activities related to instruction	25,536,709	543,416	35,586,762	640,035
Auxiliary enterprises	121,748,419	4,723,072	122,271,629	5,349,143
Other noneductional expense	12,538,727	355,786	13,418,890	8,567,960
	Income From Federal Funds			
Total	$173,082,112	$2,461,473	$199,700,922	$3,150,393
1862 land-grant funds	1,317,586	26,692	1,423,688	27,436
Other Federal land-grant funds	652,010	----------	624,156	----------
Supplementary Morrill and Bankhead-Jones funds (instruction)	4,552,736	477,264	4,552,435	477,565
For research (experiment stations):				
Hatch-Adams funds	1,423,682	----------	1,422,232	----------
Purnell funds	2,846,458	----------	2,849,416	----------
Bankhead-Jones funds (title I)	2,418,213	----------	2,596,254	----------
Flannagan-Hope funds (title I)	1,793,173	----------	2,782,570	----------
For cooperative extension:				
Smith-Lever funds	4,802,132	----------	4,885,833	----------
Capper-Ketcham funds	1,492,730	----------	1,489,294	----------
Bankhead-Jones funds (title II)	12,124,452	----------	12,222,612	----------
Additional cooperative funds	557,805	----------	554,826	----------
Bankhead-Flannagan funds	7,791,775	----------	10,947,848	----------
Flannagan-Hope funds (title II)	264,097	----------	518,644	----------
Other agricultural funds	(3)	(3)	304,680	----------
Receipts from Veterans' Administration for veterans' fees	83,602,693	1,902,679	81,475,010	2,471,868
Federal grants for special research	45,486,924	----------	60,105,312	----------
Other Federal grants [1]	2,535,646	54,847	2,006,120	173,524

[1] Includes grants from:
(a) U. S. Army and Navy for training programs in chemistry, physics, radio, and for veterans' guidance;
(b) U. S. Public Health Service for research in many fields, such as cancer research, training in psychiatry, research in bacteriology.
(c) TVA.

[2] Data not requested in 1947–48.

[3] "Other agricultural funds" were included as "all other Federal grants" in 1948–49.

Table 8.—STAFF OF LAND-GRANT INSTITUTIONS, 1948–1949

Institution	TOTAL STAFF: Full- and part-time			TOTAL STAFF: Reduced to full-time equivalent			Resident instruction		Organized research, including agricultural experiment stations		Extension instruction		General administration	
	Total	Men	Women	Total	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GRAND TOTAL	67,388	52,574	14,814	59,723	46,484	13,239	32,543	7,291	9,567	1,296	13,528	6,260	2,418	984
Total white	65,148	51,210	13,938	57,538	45,140	12,398	31,524	6,696	9,499	1,296	13,522	6,062	2,245	895
Alabama Polytechnic Institute	1,016	758	258	998	749	249	343	82	110	8	280	165	25	3
University of Alaska	86	65	21	86	65	21	30	12	27	1	4	5	9	3
University of Arizona	390	295	95	367	280	87	242	74	73	6	76	27	30	3
University of Arkansas	848	606	242	801	572	229	306	62	112	9	294	176	41	22
University of California	6,945	5,750	1,195	[1] 6,945	[1] 5,750	[1] 1,195	3,242	512	146	43	2,281	622	186	24
Colorado A. & M. College	500	377	123	456	346	110	247	75	87	12	101	39	16	3
University of Connecticut	697	542	155	655	513	142	446	109	42	9	49	30	45	13
University of Delaware	329	272	57	292	241	51	165	42	97	4	97	19	19	2
University of Florida	1,051	877	174	1,040	867	173	536	75	206	5	214	107	26	1
University of Georgia	630	491	139	383	320	63	321	75	26	----------	464	265	30	25
University of Hawaii	614	435	179	434	303	131	234	100	50	14	153	67	18	3
University of Idaho	410	335	75	396	322	74	196	41	38	2	71	22	30	10
University of Illinois	4,519	3,615	904	3,320	2,516	804	3,085	683	533	106	330	152	187	147
Purdue University (Ind.)	2,373	2,002	371	1,988	1,669	319	1,176	175	529	33	294	83	125	87
Iowa State College	1,579	1,270	309	1,250	994	256	655	149	344	38	240	102	31	20
Kansas State College	1,165	837	328	802	601	201	533	195	85	11	189	114	30	8
University of Kentucky	689	526	163	652	498	154	372	93	114	28	306	140	20	21
Louisiana State University	1,319	910	409	1,251	853	398	603	197	150	12	376	199	73	72
University of Maine	478	372	106	434	345	89	270	60	73	4	83	43	21	5
University of Maryland	1,755	1,413	322	1,492	1,193	299	1,206	269	29	2	150	47	28	4
Massachusetts Institute of Technology	1,254	1,208	46	[1] 1,254	[1] 1,208	[1] 46	753	7	428	39	----------	----------	33	----------
University of Massachusetts	490	400	90	[1] 490	[1] 400	[1] 90	234	22	80	21	69	45	17	2
Michigan State College	1,399	1,136	263	1,367	1,116	251	835	163	161	27	225	76	37	5
University of Minnesota	3,336	2,491	845	2,230	1,695	535	1,735	564	671	150	569	219	77	16
Mississippi State College	842	633	209	842	633	209	204	18	94	3	357	181	42	10
University of Missouri	1,357	1,053	304	1,293	1,005	288	568	122	101	11	390	159	55	27
Montana State College	396	297	99	381	289	92	183	35	23	7	76	41	15	16
University of Nebraska	1,167	834	333	1,113	805	308	467	190	83	17	242	106	42	20
University of Nevada	274	208	66	266	203	63	116	21	43	8	44	24	18	13
University of New Hampshire	353	289	64	346	285	61	197	35	50	3	57	24	34	7

Rutgers University (N. J.)	1,765	1,487	278	[1] 1,392	1,163	229	664	118	331	37	578	89	118	43
New Mexico A. & M. College	326	253	73	313	244	69	130	25	75	4	78	32	16	13
Cornell University (N. Y.)	2,780	2,225	555	[1] 2,780	[1] 2,225	[1] 555	1,243	228	525	135	302	174	68	18
North Carolina State College	1,619	984	635	1,539	904	635	365	22	187	122	411	488	21	3
North Dakota Agricultural College	325	250	75	320	248	72	133	40	48	1	82	27	20	7
Ohio State University	2,334	1,910	424	[2] 2,100	[2] 1,719	[2] 381	1,712	337	[2] 315		143	75	55	12
Oklahoma A. & M. College	1,219	993	226	1,048	833	215	711	94	170	9	206	126	32	5
Oregon State College	899	702	197	800	619	181	455	105	160	18	124	46	32	33
Pennsylvania State College	2,203	1,841	362	1,879	1,575	304	873	200	540	56	517	146	76	11
University of Puerto Rico	550	329	221	384	198	186	316	221	81	35	265	203	30	1
Rhode Island State College	278	213	65	272	207	65	167	39	33	7	63	14	19	5
Clemson Agricultural College (S. C.)	666	539	127	657	530	127	273		104	4	180	128	22	1
South Dakota State College	332	258	74	322	252	70	136	36	63	4	93	44	12	4
University of Tennessee	2,005	1,581	424	2,005	1,581	424	873	178	89	11	571	193	48	42
A. & M. College of Texas	2,429	1,861	568	2,242	1,728	514	531	8	798	134	511	325	21	1
Utah State Agricultural College	435	349	86	426	342	84	236	53	92	2	123	39	44	15
University of Vermont	487	330	157	360	258	102	256	99	58	16	47	32	34	19
Virginia Polytechnic Institute	769	608	161	742	584	158	289	18	58	1	234	141	27	1
State College of Washington	830	648	182	768	608	160	384	112	163	11	178	71	48	4
West Virginia University	656	490	166	642	482	160	339	93	98	8	129	62	41	7
University of Wisconsin	3,503	2,678	825	2,429	1,827	602	1,644	435	854	142	495	234	70	52
University of Wyoming	497	384	113	484	377	107	274	68	52	6	111	69	31	6
INSTITUTIONS FOR NEGROES														
Total Negro	**2,240**	**1,364**	**876**	**2,195**	**1,344**	**851**	**1,619**	**595**	**8**		**366**	**227**	**173**	**89**
Ala. A. & M. College	69	36	33	69	36	33	29	30			4	5	7	3
A. M. & N. College (Ark.)	124	70	54	124	70	54	57	40			8	8	11	8
Delaware State College	45	25	20	43	24	19	19	17					6	3
Florida A. & M. College for Negroes	164	78	86	162	77	85	69	68			21	14	19	4
Fort Valley State College (Ga.)	53	32	21	53	32	21	29	19			10		6	3
Kentucky State College	56	29	27	53	29	24	26	18			1		4	10
Southern University & A. & M. College (La.)	178	113	65	176	112	64	81	45			35	22	5	1
Maryland State Coll	43	29	14	43	29	14	27	10					4	4
Alcorn A. & M. College (Miss.)	89	50	39	89	50	39	36	28	2		13	11	12	3
Lincoln University (Mo.)	107	74	33	107	74	33	68	30	1		2		14	3
A. & T. College of North Carolina	251	167	84	251	167	84	101	25			56	58	10	1
Langston University (Okla.)	107	74	33	107	74	33	68	30	1		2		14	3
South Carolina A. & M. College	220	126	94	202	115	87	65	40			55	41	17	17
Tennessee A. & I. State College	206	132	74	206	132	74	107	65			25	9	7	6
Prairie View A. & M. College (Tex.)	152	111	41	152	111	41	93	37	2		8	3	12	4
Virginia State College	258	141	117	244	138	106	87	65	1		53	54	18	14
West Virginia State College	118	77	41	114	74	40	57	28	1		13	12	7	2

[1] Not reduced to full-time equivalent.
[2] Estimated by the institution.
[3] Figures for 1947–48.

Table 9.—STUDENTS IN LAND-GRANT INSTITUTIONS, REGULAR SESSION, 1948–49

Institution	Students of Collegiate Grade																
	Undergraduate, graduate, and special			Number enrolled third week of fall term, 1948 [1]			First time enrolled in any college, 1948 [1]			In summer session or quarter		In short courses of 4 days or more		In correspondence courses		In extension courses	
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
GRAND TOTAL	522,438	406,893	115,545	471,900	370,298	101,604	91,405	66,251	25,154	152,490	57,624	46,394	21,171	42,900	26,126	173,461	97,415
Total white	498,455	392,317	106,138	450,990	357,961	93,029	85,271	62,076	23,195	146,270	49,453	45,157	20,378	42,322	25,406	171,360	91,449
Alabama Polytechnic Institute	9,232	7,709	1,573	7,655	6,503	1,152	1,097	912	185	3,842	647	769	288	279	420	50	259
University of Alaska	383	301	82	330	259	71	114	97	17			42	13	476	105		
University of Arizona	6,044	4,378	1,666	5,430	3,927	1,503	1,407	908	499	1,375	656			424	638	177	360
University of Arkansas	5,763	4,589	1,174	5,283	4,256	1,027	787	569	218	2,229	762			1,622	2,140	423	960
University of California	48,945	34,115	14,833	43,469	30,445	13,024	5,739	3,283	2,456	16,116	7,113	324	3	[3] 11,544	[3] 4,948	[3] 112,336	[3] 48,144
Colorado A. & M. College	4,370	3,615	755	3,783	3,176	607	911	714	197	781	341					54	7
University of Connecticut	7,899	6,273	1,626	7,545	6,004	1,541	1,609	1,176	434	1,049	337	599	315			366	572
University of Delaware	2,667	2,062	605	2,358	1,807	551	605	377	228	934	116	1,534	157			850	550
University of Florida	11,340	9,681	1,659	10,003	8,875	1,128	2,078	1,833	245	4,820	1,458	3,448	4,190	723	1,676	1,310	2,133
University of Georgia	7,780	5,890	1,891	6,945	5,282	1,663	800	640	160	3,135	1,010			723	3,308	1,436	2,243
University of Hawaii	5,014	3,013	2,001	4,318	2,540	1,778	1,324	810	514	1,181	1,345			326	55	2,019	1,584
University of Idaho	3,912	3,094	848	3,634	2,856	778	801	630	171	665	264			442	438	111	152
University of Illinois	20,542	23,957	5,585	25,920	21,029	4,891	4,318	3,262	1,056	7,653	1,629	3,984	2,435	783	552	3,217	3,191
Purdue University (Ind.)	16,791	14,113	2,678	13,674	11,532	2,142	2,552	2,032	520	4,856	465	2,304	30			1,889	303
Iowa State College	10,694	8,696	2,048	10,064	8,126	1,938	1,796	1,384	412	3,174	728	[3] 13,219	[3] 2,205			[3] 4,859	[3] 1,215
Kansas State College	7,882	6,358	1,524	7,430	5,998	1,432	1,264	913	351	1,736	510	69	26	1,325	662	14	9
University of Kentucky	8,692	6,680	2,012	7,883	6,130	1,753	1,199	893	306	3,158	850	957	574	538	488	200	301
Louisiana State University	11,760	8,935	2,825	9,047	7,190	1,857	2,213	1,913	300	4,294	1,260	699	538	637	721	1,313	804
University of Maine	4,823	3,988	834	4,784	3,964	820	991	777	214	592	603	61		82	227	287	1,300
University of Maryland	15,701	12,496	3,205	12,302	9,922	2,380	2,524	2,287	587	2,574	876	1,179	1,282			1,310	
Massachusetts Institute of Technology	5,432	5,365	67	5,303	5,236	67	826	816	10	2,146	6						
University of Massachusetts	3,283	2,557	646	3,694	2,957	637	712	531	181	522	99	590	12	65	26		
Michigan State College	17,167	12,837	4,330	15,870	13,026	3,944	2,703	1,678	1,025	3,555	1,396	3,045	1,549			111	517
University of Minnesota	30,260	23,261	6,999	27,243	21,144	6,099	3,867	2,648	1,219	11,436	4,001	4,919	2,349	2,910	2,405	6,995	5,463
Mississippi State College	3,960	3,808	152	3,571	3,432	139	494	464	30	1,805	430			120	480	297	1,190
University of Missouri	14,880	12,656	2,224	12,964	11,854	2,110	1,928	1,585	338	5,024	955	242	243	3,052	4,238	410	1,055
Montana State College	3,445	2,494	951	3,012	2,285	728	646	487	159	501	327	23	36			29	62
University of Nebraska	10,617	8,163	2,454	10,063	7,836	2,227	1,800	1,300	500	2,890	998	8	5	1,824	3,435	543	586
University of Nevada	1,971	1,445	526	1,769	1,304	465	415	278	137	645	406			19	81	24	176
University of New Hampshire	3,686	2,840	846	3,587	2,757	830	880	643	237	891	350					344	343

Rutgers University (N. J.)	9,233	7,598	1,635	9,088	7,318	1,770	2,046	1,568	478	2,492	580	415	70	92	8	9,103	2,802
New Mexico A. & M. College	1,831	1,495	336	1,660	1,350	310	458	338	120	550	137					10	10
Cornell University (N. Y.)	10,673	8,573	2,100	10,054	8,052	2,002	1,695	1,294	401	2,159	884						
North Carolina State College	5,667	5,586	81	5,227	5,178	49	884	878	6	2,845	75	1,609	213	727	1,062	585	692
North Dakota Agricultural College	2,656	2,166	490	2,397	1,982	415	498	392	106	436	50						
Ohio State University	26,491	20,559	5,932	22,929	19,034	4,895	3,610	2,523	1,087	8,444	2,242						
Oklahoma A. & M. College	12,603	10,104	2,499	11,050	8,815	2,235	2,634	1,855	779	3,806	974	1,941	2,742	725	430	646	753
Oregon State College	7,936	6,110	1,826	7,271	5,609	1,662	2,383	1,784	599	1,416	494	184	8				
Pennsylvania State College	14,408	11,821	2,587	12,410	10,245	2,165	2,825	3,134	691	3,669	1,600			737	441	757	1,190
University of Puerto Rico	7,670	4,749	2,921	10,000	6,000	4,000	2,800	1,700	1,100	2,788	3,686					3,181	3,298
Rhode Island State College	2,665	2,021	644	2,574	1,976	598	732	540	192	488	201					2,257	426
Clemson Agricultural College (S. C.)	3,645	3,639	6	3,278	3,274	4	418	418		1,080		102	115			4	3
South Dakota State College	2,320	1,857	463	2,179	1,731	448	644	520	124	492	111	156	2				
University of Tennessee	11,172	8,483	2,689	9,236	7,296	1,940	[3] 2,000	[3] 1,400	[3] 600	4,497	1,596			1,479	844	3,933	3,141
A. & M. College of Texas	9,104	9,104		8,539	8,539		1,478	1,478		3,390	156	934		115		358	94
Utah State Agricultural College	5,604	4,311	1,293	4,352	3,396	956	969	666	303	1,396	363	1,250	419	172	161	288	455
University of Vermont	3,100	2,218	882	3,189	2,218	971	1,003	633	370	427	547	95	95			170	224
Virginia Polytechnic Institute	5,689	5,524	165	5,546	5,398	148	1,461	1,427	34	1,483	70	169	5			14	
State College of Washington	7,091	5,115	1,976	6,530	4,747	1,783	1,571	1,037	534	1,209	454			995	671	973	962
West Virginia University	7,099	5,668	1,431	6,706	5,383	1,323	1,075	796	279	2,664	782					3,802	606
University of Wisconsin	24,337	18,777	5,560	22,353	16,943	5,410	3,658	2,450	1,208	6,098	2,821	354	109	2,647	3,987	4,195	2,849
University of Wyoming	3,608	2,771	837	3,488	2,705	783	743	515	228	882	733			219	657	140	485
INSTITUTIONS FOR NEGROES																	
Total Negro	23,083	13,576	10,407	20,910	12,335	8,575	6,134	3,175	2,959	6,210	3,571	1,147	788	78	799	2,003	5,968
Alabama A. & M. College	1,019	582	437	870	501	369	256	117	139	335	406					10	516
A. M. & N. College (Ark.)	1,310	634	676	1,081	569	512	309	145	164	399	810					137	298
Delaware State College	302	196	106	287	184	103	60	29	31							6	79
Florida A. & M. College for Negroes	1,619	877	742	1,611	872	739	502	245	257	339	843	62	59			36	492
Fort Valley State College (Ga.)	1,151	314	837	656	298	358	241	100	141	115	922	47		5	85		29
Kentucky State College	742	421	321	654	380	274	177	97	80	128	120	18					2
Southern University & A. & M. College (La.)	1,894	1,031	863	1,718	986	732	471	229	242	432	782					306	421
Maryland State College	349	237	112	202	133	69	81	57	24								
Alcorn A. & M. College (Miss.)	539	342	197	512	325	187	179	120	59	354	721	119	34			315	22
Lincoln University (Mo.)	954	604	350	863	523	340	178	106	72	241	286	4	7	4	41		21
A. & T. College of North Carolina	3,101	2,427	674	2,731	2,163	568	818	610	208	900	434						
Langston University (Okla.)	765	416	349	744	403	341	237	113	124	174	200			1	32	19	90
South Carolina State A. & M. College	1,294	792	502	1,364	936	428	146	83	63	471	609	864	650			78	1,230
Tennessee A. & I. State College	3,082	1,688	1,394	2,110	1,214	896	819	393	426	698	546					374	938
Prairie View A. & M. College (Tex.)	2,162	1,118	1,044	2,067	1,073	994	699	305	394	771	968			7	42	171	90
Virginia State College	2,051	938	1,113	1,898	845	1,053	543	198	345	306	656			61	590	64	430
West Virginia State College	1,649	959	690	1,542	930	612	418	228	190	446	288	33	43			546	1,213

[1] The data in these categories were taken from the 1948 fall enrollment survey.
[2] The institution reported totals. Division by sex was estimated in this office.
[3] These are freshmen in the Knoxville Branch of the University only.

Table 10.—STUDENTS IN FALL ENROLLMENT [1] IN LAND-GRANT INSTITUTIONS, 1949

Institution	Total, excluding correspondence and extension students			First time in any college			Veterans drawing P. L. 16 and/or P. L. 346 benefits		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
GRAND TOTAL	446,527	347,420	99,107	84,422	59,919	24,503	175,686	172,935	2,551
Total white	425,538	335,388	90,150	78,252	56,706	21,546	169,632	167,116	2,516
Alabama Polytechnic Institute	7,224	6,021	1,203	1,125	935	190	3,172	3,157	15
University of Alaska	328	265	63	105	84	21	124	124	----------
University of Arizona	5,895	4,251	1,644	1,436	991	445	2,169	2,113	56
University of Arkansas	5,074	4,042	1,032	675	475	200	2,270	2,240	30
University of California	43,426	30,733	12,693	5,357	3,694	1,663	15,001	14,454	547
Colorado A. & M. College	3,898	3,151	747	1,104	823	281	1,785	1,765	20
University of Connecticut	8,081	6,462	1,619	1,811	1,333	478	3,564	3,507	57
University of Delaware	2,688	1,998	690	546	335	211	898	893	5
University of Florida	10,389	8,849	1,540	1,788	1,421	367	4,297	4,240	57
University of Georgia	6,221	4,635	1,586	749	489	260	2,696	2,671	25
University of Hawaii	4,822	2,848	1,974	1,235	705	530	970	956	14
University of Idaho	3,634	2,856	778	985	736	249	1,333	1,319	14
University of Illinois	25,082	19,995	5,087	4,318	3,122	1,196	8,991	8,890	101
Purdue University (Ind.)	13,239	11,290	1,949	2,321	1,840	481	5,844	5,799	45
Iowa State College	8,845	7,040	1,805	1,301	910	391	3,405	3,361	44
Kansas State College	7,024	5,573	1,451	1,216	833	383	3,006	2,972	34
University of Kentucky	7,591	6,078	1,513	1,121	770	351	3,140	3,108	32
Louisiana State University	9,098	6,920	2,178	1,170	859	311	3,056	3,027	29
University of Maine	4,350	3,597	753	794	607	187	2,123	2,101	22
University of Maryland	13,561	10,976	2,585	1,986	1,436	550	5,675	5,592	83
Massachusetts Institute of Technology	5,408	5,343	65	498	486	12	1,926	1,925	1
University of Massachusetts	3,461	2,782	679	765	515	250	1,958	1,948	10
Michigan State College	16,044	11,858	4,186	2,762	1,640	1,122	6,540	6,430	110
University of Minnesota	25,084	19,135	5,949	3,732	2,440	1,292	10,639	10,286	353
Mississippi State College	3,288	3,051	237	580	550	30	1,647	1,645	2
University of Missouri	12,847	10,790	2,057	3,341	2,531	810	6,472	6,398	74
Montana State College	2,778	2,037	741	532	344	188	1,130	1,114	16
University of Nebraska	868	505	363	258	107	151	176	175	1
University of Nevada	1,775	1,263	512	359	219	140	624	609	15
University of New Hampshire	3,617	2,741	876	1,039	740	299	1,464	1,448	16

Rutgers University (N. J.)	8,606	7,000	1,606	1,951	1,507	444	3,118	3,089	29
New Mexico A. & M. College	1,637	1,302	335	346	271	75	730	718	12
Cornell University (N. Y.)	10,130	8,085	2,045	1,979	1,484	495	3,414	3,377	37
North Carolina State College	4,600	4,551	49	825	821	4	2,429	2,426	3
North Dakota Agricultural College	2,231	1,801	430	521	364	157	874	869	5
Ohio State University	22,416	17,752	4,664	3,726	2,586	1,140	9,000	8,871	129
Oklahoma A. & M. College	11,288	9,047	2,241	2,100	1,500	600	5,535	5,444	91
Oregon State College	6,782	5,161	1,621	1,445	1,100	345	2,796	2,763	33
Pennsylvania State College	14,755	11,767	2,988	3,732	2,770	962	4,900	4,860	40
University of Puerto Rico	6,069	3,513	2,556	1,563	917	646	2,023	2,016	7
Rhode Island State College	2,489	1,886	603	616	434	182	872	862	10
Clemson Agricultural College (S. C.)	3,326	3,315	11	745	745	.....	1,515	1,515	.....
South Dakota State College	2,077	1,652	425	560	400	160	803	793	10
University of Tennessee	7,250	5,769	1,481	1,800	1,432	368	3,135	3,096	39
A. & M. College of Texas	7,723	7,723	.....	1,407	1,407	.....	2,837	2,837	.....
Utah State Agricultural College	4,254	3,309	945	1,077	750	327	2,044	2,023	21
University of Vermont	3,248	2,214	1,034	730	425	305	1,202	1,178	24
Virginia Polytechnic Institute	4,767	4,633	134	830	807	23	2,423	2,413	10
State College of Washington	5,024	4,434	1,590	1,272	804	468	2,235	2,225	10
West Virginia University	6,297	5,048	1,249	1,006	716	290	2,685	2,663	22
University of Wisconsin	20,796	15,929	4,876	4,485	3,091	1,394	7,628	7,506	122
University of Wyoming	3,153	2,421	732	627	405	222	1,339	1,305	34
INSTITUTIONS FOR NEGROES									
Total Negro	**20,989**	**12,032**	**8,957**	**6,070**	**3,213**	**2,857**	**5,854**	**5,819**	**35**
Alabama A. & M. College	891	448	443	398	203	195	173	173	.....
A. M. & N. College (Ark.)	1,357	636	721	336	162	174	274	272	2
Delaware State College	284	190	94	58	40	18	109	107	2
Florida A. & M. College for Negroes	1,811	955	856	585	280	305	450	449	1
Fort Valley State College (Ga.)	639	297	342	205	99	106	108	106	2
Kentucky State College	642	367	275	155	69	86	184	181	3
Southern University & A. & M. College (La.)	1,646	856	790	334	178	156	402	402	.....
Maryland State College	350	233	117	119	76	43	88	87	1
Alcorn A. & M. College (Miss.)	636	417	219	228	145	83	200	200	.....
Lincoln University (Mo.)	746	444	302	201	120	81	224	223	1
A. & T. College of North Carolina	2,807	2,147	660	715	503	212	1,297	1,293	4
Langston University (Okla.)	803	455	348	219	112	107	241	235	6
South Carolina State A. & M. College	1,270	752	518	281	143	138	350	349	1
Tennessee A. & I. State College	2,076	1,169	907	857	420	437	614	607	7
Prairie View A. & M. College (Tex.)	2,227	1,117	1,110	700	300	400	386	385	1
Virginia State College	1,347	640	707	317	160	157	274	273	1
West Virginia State College	1,457	909	548	362	203	159	480	477	3

[1] The data in this table were taken from the 1949 fall enrollment survey.

Table 11.—RESIDENT COLLEGE ENROLLMENT IN LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49

Institution	Grand total, excluding duplicates		Graduate students		Special students		Undergraduate students									
							Undergraduate students, excluding duplicates [1]		Arts and sciences and other nonprofessional courses		Agriculture		Architecture		Commerce	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GRAND TOTAL	496,883	115,545	37,450	10,965	7,068	4,423	[1] 361,766	[1] 100,157	125,065	54,179	47,118	712	3,731	207	35,676	5,671
Total white	392,317	104,138	37,322	10,786	6,350	4,285	[1] 348,605	[1] 98,667	119,407	49,988	45,145	703	3,731	207	37,861	4,900
Alabama Polytechnic Institute	7,709	1,573	292	179	121	125	7,296	1,269	1,588	328	1,415	5	602	87		
University of Alaska	301	82	1		73	18	227	64	81	39	12				19	8
University of Arizona	4,378	1,666	175	85	13	18	4,190	1,563	1,179	741	381	18			1,024	183
University of Arkansas	4,589	1,174	234	72	26	49	4,329	1,053	831	483	611				1,134	195
University of California	34,115	14,833	5,926	2,156	565	78	[2] 27,624	[2] 12,599	15,049	11,041	2,228		362	29	3,452	411
Colorado A. & M. College	3,615	755	180	84			3,435	671	1,138	338	1,112	16				
University of Connecticut	6,273	1,626	109	74	220	125	5,944	1,427	1,952	726	461	22			1,521	152
University of Delaware	2,082	606	309	67	23	10	1,730	528	817	310	145	2				
University of Florida	9,681	1,659	718	396	30	94	[3] 8,933	1,169	6,004	865	545		268	10	789	17
University of Georgia	5,889	1,891	311	141	17	21	5,561	1,729	1,221	754	1,004	3			1,506	164
University of Hawaii	3,013	2,001	132	180	321	381	2,560	1,440	1,931	873	155					
University of Idaho	3,064	848	133	39			2,931	809	650	393	389	2			620	116
University of Illinois	23,957	5,585	2,925	748	296	104	20,736	4,733	6,862	3,073	1,247	19	701	22	3,606	247
Purdue University (Ind.)	14,113	2,678	1,481	282	546	386	12,086	2,010	1,357	748	1,538	20				
Iowa State College	8,636	2,048	1,011	344	192	10	[4] 7,433	[4] 1,694	1,319	213	2,181	34	180	1		
Kansas State College	6,358	1,524	367	120	45	22	5,946	1,382	1,848	639	1,477	10				
University of Kentucky	6,650	2,012	670	256	172	194	5,808	1,562	1,925	899	742	8			1,024	140
Louisiana State University	8,935	2,825	735	198	41	32	8,159	2,595	4,051	1,436	680	37			735	89
University of Maine	3,988	834	109	22	56	13	3,823	799	1,484	507	393	6				
University of Maryland	12,406	3,295	1,530	608			10,876	2,687	2,152	766	827	24	44		2,106	129
Massachusetts Institute of Technology	5,365	68	1,386	20	239	22	3,740	26					152	6		
University of Massachusetts	2,587	646	359	59	32	3	2,196	584	1,257	427	433	20				
Michigan State College	12,837	4,330	1,207	401	137	151	11,493	3,778	7,447	3,105	1,068	36				
University of Minnesota	23,261	6,998	3,195	657			[5] 20,066	[5] 6,341	9,388	3,795	1,610				1,365	75
Mississippi State College	3,808	158	122	21	6	3	3,680	134	352	18	859	2			917	47
University of Missouri	12,566	2,284	957	223	88	58	11,521	2,003	3,112	980	1,843				1,084	58
Montana State College	2,484	961	94	32			2,390	929	429	196	547	11	151	4	164	161
University of Nebraska	8,163	2,454	725	183	196	184	[6] 7,242	[6] 2,087	1,755	726	892				1,414	79
University of Nevada	1,445	526	28	25	42	27	1,375	474	823	429	69	1				
University of New Hampshire	2,820	846	127	32	34	39	2,659	775	1,695	726	272	10				

Rutgers University (N. J.)	7,598	1,635	528	49	34	11	7,036	1,575	3,809	1,519	634				416	7
New Mexico A. & M. College	1,495	336	26	22	11	4	1,458	310	472	302	491	4				
Cornell University (N. Y.)	8,573	2,100	1,414	284	307	38	6,852	1,778	1,719	724	1,277	158	184	36		
North Carolina State College	5,586	81	270	30	24	20	5,292	31			1,045	7	347	6		
North Dakota Agricultural College	2,166	490	55	8		44	2,111	438	596	137	574	1	112			
Ohio State University	20,559	5,932	2,222	504	1,577	1,011	16,760	4,417	3,282	996	2,103	34			4,658	770
Oklahoma A. & M. College	10,104	2,499	504	183	26	64	9,574	2,252	2,744	748	1,991	15			1,427	507
Oregon State College	6,110	1,826	414	95	7		5,689	1,731	1,059	548	1,051	30			928	244
Pennsylvania State College	11,821	2,587	810	177	64	108	10,947	2,302	5,076	1,304	1,323	80	57		591	40
University of Puerto Rico	4,749	2,921	121	195			4,628	2,726	1,853	944	289	2			678	180
Rhode Island State College	2,021	644	45	41	33	12	1,943	591	412	274	185	2			618	58
Clemson Agricultural College (S. C.)	3,639	6	11		66	6	3,562		340		662					
South Dakota State College	1,857	463	49	6	8	5	1,800	452	607	220	597	2				
University of Tennessee	8,483	2,689	955	355	149	553	7,379	1,781	1,070	488	999	2			1,976	243
A. & M. College of Texas	9,104		462		67		8,575		1,719		2,327		396			
Utah State Agricultural College	4,311	1,293	221	45	39	44	4,051	1,204	649	354	860	5			595	189
University of Vermont	2,218	882	85	23	19	18	2,114	841	659	340	270	14			427	44
Virginia Polytechnic Institute	5,524	165	178	17	25	9	5,321	139	420	45	602	10	105	4	796	14
State College of Washington	5,115	1,976	516	170	2	5	4,597	1,801	2,422	1,382	535	12			430	65
West Virginia University	5,668	1,431	405	204	26	59	5,237	1,168	2,362	728	579					
University of Wisconsin	18,777	5,560	2,290	599	331	94	16,156	4,867	7,494	3,056	1,291	14			1,561	68
University of Wyoming	2,771	837	203	75	34	23	2,534	739	755	306	324	5	70	2	300	100
INSTITUTIONS FOR NEGROES																
Total Negro	**13,576**	**10,607**	**127**	**179**	**1,288**	**128**	**12,161**	**10,100**	**5,658**	**4,191**	**1,973**	**9**			**794**	**771**
Alabama A. & M. College	582	437			155	1	427	436	198	24	119					
A. M. & N. College (Ark.)	634	676			2	4	632	672	358	349	137					
Delaware State College	196	106					196	106	76	21	23					
Florida A. & M. College for Negroes	877	742	1	1	77	18	799	723	480	346	96	1				
Fort Valley State College (Ga.)	314	837					314	837	44	11	108				45	76
Kentucky State College	421	321	3				418	321	417	321						
Southern University & A. & M. College (La.)	1,031	863					1,031	863	468	352	76				120	86
Maryland State College	237	112					237	112	237	112						
Alcorn A. & M. College (Miss.)	342	197					342	197	109	54	153				27	39
Lincoln University (Mo.)	604	350	1	11	12	13	591	326	491	152	23				5	65
A. & T. College of North Carolina	2,427	674	15	41	761	44	1,651	589	261	121	351				219	148
Langston University (Okla.)	416	349			13	3	403	346	200	196	76					
South Carolina State A. & M. College	792	502	34	42	193	10	565	450	244	342	122					
Tennessee A. & I. State College	1,688	1,394	19	26			1,669	1,368	691	397	220	6			200	260
Prairie View A. & M. College (Tex.)	1,118	1,044	34	35	57	10	1,027	999	480	563	347					
Virginia State College	938	1,113	20	23	11	10	907	1,080	488	528	101	2				
West Virginia State College	959	690			7	15	952	675	416	302	21				179	97

See footnotes at end of table.

Table 11.—RESIDENT COLLEGE ENROLLMENT IN LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49—Continued

Institution	Undergraduate students																
	Dentistry		Education		Engineering		Home economics and hotel administration		Law		Medicine		Nursing	Pharmacy		Other professional	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Women	Men	Women	Men	Women
1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
GRAND TOTAL	**1,884**	**53**	**15,850**	**13,470**	**94,228**	**347**	**660**	**16,529**	**8,422**	**237**	**4,236**	**516**	[10] **2,831**	**5,464**	**651**	**19,314**	**3,856**
Total white	**1,884**	**53**	**14,220**	**12,021**	**93,572**	**346**	**655**	**14,698**	**8,349**	**235**	**4,235**	**516**	[10] **2,691**	**5,464**	**651**	**18,033**	**3,554**
Alabama Polytechnic Institute			381	398	2,417	15		326					3	310	30	582	79
University of Alaska			10	7	56	1		9								49	
University of Arizona			127	225	796	2	1	167	224	5				155	19	303	203
University of Arkansas			265	229	918	4		123	274	2	298	18					
University of California	202	35	689	580	3,997	26		384	956	39	207	66	261	274	44	1,042	324
Colorado A. & M. College					712			314								473	3
University of Connecticut			51	46	1,295	4		201	259	16			193	215	46	199	21
University of Delaware			82	140	696	1		75									
University of Florida			295	248	601	1			555	10				197	11	207	7
University of Georgia			400	339				284	335	9				266	15	820	161
University of Hawaii			85	322	324	2		149					62			65	32
University of Idaho			245	160	607	1		135	99	1						321	1
University of Illinois	232	6	107	221	5,191	23		354	464	10	710	126		445	57	1,171	575
Purdue University (Ind.)					8,282	46	9	1,119						302	77	538	
Iowa State College			442	284	3,558	5		1,313								276	
Kansas State College					2,345	15	4	716								272	2
University of Kentucky			179	276	1,459	5		212	262	8				217	14		
Louisiana State University			236	316	1,606	3		159	333	9	295	28	[11] 389			221	131
University of Maine			169	37	1,453	3		200					43			324	3
University of Maryland	318	3	626	498	1,577	4	34	367	454	16	327	29	148	267	21	2,144	682
Massachusetts Institute of Technology					3,006	6										582	14
University of Massachusetts			5	1	455			136								46	
Michigan State College					1,929	4	12	606								1,037	27
University of Minnesota	314	5	1,333	1,201	5,017	42		657	799	21	464	51	229	392	31	156	470
Mississippi State College			632	65	920	2											
University of Missouri			427	508	3,987	9		274	264	5	79	10				725	159
Montana State College					1,098	3		197					[12] 365				
University of Nebraska	115	4	680	843	1,714	14		307	258	6	292	20	110	224	22		
University of Nevada					483	2		42									
University of New Hampshire					692	3		36									
Rutgers University (N. J.)			315		868				616	11				378	38		
New Mexico A. & M. College					498	4											

Cornell University (N. Y.)					2,329	19	405[1]	628	357	20	293	36	122			482	51
North Carolina State College			401	6	2,544	3										955	9
North Dakota Agricultural College					536		1	280						225	17	67	3
Ohio State University	308		1,860	1,678	3,331	15	9	570	425	8	297	20	237	227	28	278	62
Oklahoma A. & M. College			334	215	2,966	14	52	753								60	
Oregon State College			308	271	1,672	4		503						226	31	445	
Pennsylvania State College			528	430	1,855	4	117	298								1,402	146
University of Puerto Rico			699	1,197	756			219	114	10						239	174
Rhode Island State College					728	7		207					43				
Clemson Agricultural College (S. C.)					1,307											1,253	
South Dakota State College				25	472			175						124	30		
University of Tennessee	396		345	303	1,583	1	1	557	302	2	552	27	147	197	11		
A. & M. College of Texas					3,865											268	
Utah State Agricultural College			458	331	878	3	1	322								409	
University of Vermont			154	228	431	1		112			131	26	64			52	12
Virginia Polytechnic Institute			144		3,254	8		58									
State College of Washington			115	2	698	2	7	246						159	32	231	60
West Virginia University			54	51	1,463	2		204	278	7	56	19		107	14	328	143
University of Wisconsin			731	717	3,756	7	1	622	661	20	246	40	275	415	47		
University of Wyoming			329	226	604	6		78	70					82	16		
INSTITUTIONS FOR NEGROES																	
Total Negro			1,630	2,849	756	1	5	1,841	73	2			140			1,281	296
Alabama A. & M. College			110	242				170									
A. M. & N. College (Ark.)			27	231			3	86								107	6
Delaware State College			35	58				24								62	3
Florida A. & M. College for Negroes			28	146				136					74			196	20
Fort Valley State Coll. (Ga.)			117	665				56									
Kentucky State College									1								
Southern University & A. & M. College (La.)			113	189				126	13							241	110
Maryland State College																	
Alcorn A. & M. College (Miss.)								104								53	
Lincoln University (Mo.)			4	61	21			46	47	2							
A. & T. College of North Carolina			649	219	171			101									
Langston University (Okla.)			3	75				69	1							123	6
South Carolina State A. & M. College					187	1	1	107	11								
Tennessee A. & I. College			201	462	357			243									
Prairie View A. & M. College (Tex.)								351					66			200	19
Virginia State College			154	313			1	146								163	91
West Virginia State College			179	198	20			47								137	41

[1] Does not include 2,993 men and 1,093 women duplicates.
[2] Does not include 834 men and 641 women duplicates.
[3] Does not include 528 men duplicates.
[4] Does not include 523 men and 156 women duplicates.
[5] Does not include 762 men and 236 women duplicates.
[6] Does not include 102 men and 44 women duplicates.
[7] Does not include 185 men and 16 women duplicates.
[8] Does not include 18 men duplicates.
[9] Does not include 41 men duplicates.
[10] Includes 3 men.
[11] Includes 2 men.
[12] Includes 1 man.

Table 12.—DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49

Institution	Total				Arts and sciences				Professional			
	Bachelor's and first professional		Master's or second professional	Doctor's or beyond the master's	Bachelor's		Master's or second professional	Doctor's or beyond the master's	First professional		Master's or second professional	Doctor's or beyond the master's
	Men	Women	M & W	M & W	Men	Women	M & W	M & W	Men	Women	M & W	M & W
1	2	3	4	5	6	7	8	9	10	11	12	13
GRAND TOTAL	69,221	19,766	12,219	1,546	18,124	9,484	4,273	898	51,097	10,361	7,937	648
Total white	67,436	17,990	12,092	1,546	17,610	8,464	4,226	898	50,225	9,134	7,867	648
Alabama Polytechnic Institute	1,602	261	112		261	67	12		1,341	194	100	
University of Alaska	24	8	1		7	4			17	4	1	
University of Arizona	496	269	61	6	113	94	27		383	175	34	6
University of Arkansas	1,006	248	171		189	113	64		817	135	107	
University of California	5,992	2,642	1,052	262	2,868	2,215	782	233	3,124	427	269	29
Colorado A. & M. College	479	67	76		137	36	59		342	31	17	
University of Connecticut	790	270	69	3	226	147	30	3	564	123	39	
University of Delaware	278	90	62	7	125	60	34	4	153	30	28	3
University of Florida	1,481	158	196	5	259	24	59		1,222	134	137	5
University of Georgia	1,543	370	137	1	253	148	36		1,290	222	101	1
University of Hawaii	219	206	75	1	175	103	15		44	103	60	1
University of Idaho	484	152	83		122	70	18		362	82	65	
University of Illinois	4,009	898	1,216	175	1,318	443	383	112	2,691	455	833	63
Purdue University (Ind.)	2,599	424	414	83	268	188	150	48	2,331	238	264	35
Iowa State College	1,507	357	229	57	217	29	55	40	1,290	328	174	17
Kansas State College	1,120	277	154	2	403	126	73	2	717	149	81	
University of Kentucky	1,088	351	214	8	237	175	90	5	851	176	124	3
Louisiana State University	1,537	388	296	19	227	127	78	9	1,210	261	218	10
University of Maine	660	160	61		232	91	18		428	69	43	
University of Maryland	948	393	200	29	183	150	55	12	765	243	145	17
Massachusetts Institute of Technology	1,119	1	488	159					1,119	1	488	159
University of Massachusetts	372	131	65	11	263	101	26		109	30	41	11
Michigan State College	2,063	716	328	31	1,244	560	216	21	819	156	122	10
University of Minnesota	4,434	1,510	929	136	1,638	816	302	43	2,796	694	627	93
Mississippi State College	952	49	55		91	8			861	41	55	
University of Missouri	2,528	452	353	47	329	130	95	15	2,199	322	258	32
Montana State College	339	111	34		57	35	10		282	76	24	
University of Nebraska	1,627	434	247	28	355	135	112	10	1,272	299	135	18

University of Nevada	170	51	3		102	49	3		59	2		
University of New Hampshire	644	166	69		376	154	62		266	11	6	
Rutgers University (N. J.)	1,664	372	290	51	515	302	31	11	1,139	69	259	40
New Mexico A. & M. College	209	39	13		62	38	13		147	1		
Cornell University (N. Y.)	1,690	490	450	178	400	212	116	113	1,290	278	334	65
North Carolina State College	1,132	6	67	14					1,122	6	67	14
North Dakota Agricultural College	326	96	18		48	14	2		278	82	16	
Ohio State University	3,513	1,061	813	177	635	239	272	99	2,878	822	541	78
Oklahoma A. & M. College	1,446	403	301	2	229	128	76		1,218	275	225	2
Oregon State College	1,124	269	135	14	136	31	40	10	988	238	95	4
Pennsylvania State College	2,003	534	422	86	274	165	44	2	1,729	369	378	54
University of Puerto Rico	483	335	3		139	105	3		344	230		
Rhode Island State College	354	133	12		64	73	12		290	58		
Clemson Agricultural College (S. C.)	773		3		88				685		3	
South Dakota State College	286	84	12	2	62	34	3	1	224	50	9	1
University of Tennessee	1,312	325	256	2	149	85	86	2	1,163	240	170	
A. & M. College of Texas	2,141		170	6	423		33		1,718		137	6
Utah State Agricultural College	578	197	86		94	36	13		484	161	73	
University of Vermont	427	190	54		175	88	12		252	102	42	
Virginia Polytechnic Institute	998	44	80	4	51	15	10	2	947	29	70	2
State College of Washington	898	223	144	17	274	186	70	11	624	37	74	6
West Virginia University	653	236	278	2	347	133	77		316	103	201	2
University of Wisconsin	3,243	1,110	940	243	946	507	411	80	2,302	603	529	168
University of Wyoming	487	144	75	3	145	65	37		342	79	38	3
INSTITUTIONS FOR NEGROES												
Total Negro	1,396	1,775	119		534	549	68		972	1,227	79	
Alabama A. & M. College	38	103			15	5			23	98		
A. M. & N. College (Ark.)	84	50			44	25			40	25		
Delaware State College	17	22			5	4			12	18		
Florida A. & M. College for Negroes	128	313			58	[illegible]			70	228		
Fort Valley State Coll. (Ga.)	40	125			18	2			22	123		
Kentucky State College	41	43			41	43						
Southern University & A. & M. College (La.)	84	88			17	12			67	76		
Maryland State College	15	3			15	3						
Alcorn A. & M. College (Miss.)	49	46			25	12			24	34		
Lincoln University (Mo.)	64	53	1		42	24	1		22	29		
A. & T. College of North Carolina	180	97	15		22	18			158	79	15	
Langston University (Okla.)	13	3			12	2			11	44		
South Carolina State A. & M. College	136	98	8		45	67			91	31	8	
Tennessee A. & I. State College	120	183	27		18	62	9		102	121	18	
Prairie View A. & M. Coll. (Tex.)	109	184	44		40	101	35		69	83	9	
Virginia State College	113	173	23		50	30	3		63	143	20	
West Virginia State College	155	148			57	51			98	97		

See footnotes at end of table.

Table 12.—DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49—Continued

Institution	Degrees in professional schools															
	Agriculture					Architecture			Commerce					Dentistry		
	First professional		Master's or second professional		Doctor's or beyond the master's	First professional		Master's or second professional	First professional		Master's or second professional		Doctor's or beyond the master's	First professional		Master's or second professional
	Men	Women	Men	Women	M&W	Men	Women	Men	Men	Women	Men	Women	M&W	Men	Women	Men
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
GRAND TOTAL	8,491	192	1,183	44	330	423	3	61	10,761	1,138	458	53	28	281	20	13
Total white	8,196	191	1,128	44	330	423	37	61	10,662	1,030	457	52	28	281	20	13
Alabama Polytechnic Institute	330		34			88	12	1								
University of Alaska									2	1						
University of Arizona	39	2	3	2	3				120	31	5	1				
University of Arkansas	138		3						342	39	7	5				
University of California	304					50	8		1,218	159	96	3		43	15	
Colorado A. & M. College	129	1	10													
University of Connecticut	46	3	4						276	28						
University of Delaware	19		7													
University of Florida	215		36		1	37	1	1	337	7	10					
University of Georgia	332		15						490	19	5					
University of Hawaii	15		1		1											
University of Idaho	57		9						108	15						
University of Illinois	242	2	56	1	15	58	5	15	635	57	55	1	11	25	2	11
Purdue University (Ind.)	230	2	11	3	10											
Iowa State College	303	31	32	1	14			1								
Kansas State College	234	2	37													
University of Kentucky	162	1	23	1					246	26	1					
Louisiana State University	194	11	39	1	2				295	37	13	1				
University of Maine	62		7	2												
University of Maryland	78	1	23	1	9	14	1		228	11	12	2	2	23	1	
Massachusetts Institute of Technology						26		24								
University of Massachusetts	73	6	19		11			4								
Michigan State College	208	16	59		9											
University of Minnesota	234	1	70	4	46				750	34	21			47	2	2
Mississippi State College	222	1	12						266	11	13	2				
University of Missouri	338	1	37		8				481	25						
Montana State College	70	3	4			6			22	18						

University of Nebraska	173		31		5	16			411	27	2			59		
University of Nevada	4															
University of New Hampshire	64	3	3													
Rutgers University (N. J.)	88	2	15	4	25				550	9						
New Mexico A. & M. College	75															
Cornell University (N. Y.)	251	42	56	4	29	35	9	10			48	2				
North Carolina State College	200	2	22	1	14	8										
North Dakota Agricultural College	70		4			15										
Ohio State University	279	6	49	1	13				1,260	190	97	17	15	39		
Oklahoma A. & M. College	397	2	33			16	1		329	76	25	5				
Oregon State College	198	6	30		1				196	55						
Pennsylvania State College	257	29	47	7	8	8			290	18		1				
University of Puerto Rico	40								81	3						
Rhode Island State College	29	1							111	10						
Clemson Agricultural College (S. C.)	144		2													
South Dakota State College	115		8													
University of Tennessee	194		27						416	34	13	8		45		
A. & M. College of Texas	643		66		4	18										
Utah State Agricultural College	99		24						129	17	1	1				
University of Vermont	25	1	2						75	6	1					
Virginia Polytechnic Institute	92	4	9		1	18		5	183	6	2					
State College of Washington	112	3	17	4	5				106	17	4					
West Virginia University	64		23		2											
University of Wisconsin	272	6	128	7	94				654	31	23	3				
University of Wyoming	44		6			10			46	13	3					
INSTITUTIONS FOR NEGROES																
Total Negro	293	1	14						99	168	1	1				
Alabama A. & M. College	7															
A. M. & N. College (Ark.)	19															
Delaware State College	7															
Florida A. & M. College for Negroes	16	1														
Fort Valley State College (Ga.)	9								4	12						
Kentucky State College																
Southern University & A. & M. College (La.)	10								18	12						
Maryland State College																
Alcorn A. & M. College (Miss.)	17								2	5						
Lincoln University (Mo.)	2								1	5						
A. & T. College of North Carolina	52		1						25	10						
Langston University (Okla.)	8								2	12						
South Carolina State A. & M. College	42															
Tennessee A. & I. State College	24		5						19	44	1	1				
Prairie View A. & M. College (Tex.)	56		6													
Virginia State College	22		2													
West Virginia State College	2								28	8						

See footnotes at end of table.

Table 12.—DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49—Continued

Institution	Degrees in professional schools															
	Education					Engineering				Home economics and hotel administration				Law		
	First professional		Master's or second professional		Doctor's or beyond the master's	First professional		Master's or second professional	Doctor's or beyond the master's	First professional		Master's or second professional	Doctor's or beyond the master's	First professional		Master's or second professional
	Men	Women	Men	Women	M. & W.	Men	Women	M. & W.	Men	Men	Women	Women	Women	Men	Women	Men
1	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
GRAND TOTAL	2,145	2,964	1,932	1,055	183	19,362	78	1,921	211	144	2,294	[1] 350	6	2,303	63	4
Total white	2,120	2,902	1,919	1,023	183	19,274	78	1,921	211	143	2,288	[1] 341	6	2,294	63	4
Alabama Polytechnic Institute	48	81	25	32		668	6				77	2				
University of Alaska	2	2				7					1					
University of Arizona	42	104	10	5	1	108					12	1		40	5	
University of Arkansas	69	57	65	24		150					33	3		68	2	
University of California	(*)	(*)	25	20	25	899	2	7	4		60			229	3	
Colorado A. & M. College						105		6			30	1				
University of Connecticut	26	26	18	9		130					30	2		35	2	
University of Delaware	11	18	4	2		123		15	3		12					
University of Florida	145	118	39	30	4	199		14						169	6	
University of Georgia	103	49	57	20	1						106	4		101	3	
University of Hawaii	10	71	8	51		19					22					
University of Idaho	31	48	37	8		89		5			19			20		
University of Illinois	55	101	181	95	6	947	2	269	26		66	11		146	4	
Purdue University (Ind.)			32	8		1,961	12	171	25		200	10				
Iowa State College	98	79	30	15	3	824		69			218	25				
Kansas State College						422	1	17		2	146	27				
University of Kentucky	50	91	58	28	3	257		9			51	4		85	2	
Louisiana State University	60	100	67	40	1	462		24	2		21	4		80	5	
University of Maine	67	28	16	7		243	4	9			81					
University of Maryland	80	127	61	25	1	137		13	1	3	44	2		103	1	
Massachusetts Institute of Technology						987		417	75							
University of Massachusetts	1		8	6		20					24	2				
Michigan State College						448	1	46	1	3	134	10				
University of Minnesota	330	402	134	74	19	1,109	8	110	18		105	3		156	1	2
Mississippi State College	171	28	6	10		222	1	12								

University of Missouri	106	159	108	36	22	740		55	1		42	2		80	1	
Montana State College						184	1	19			40	1				
University of Nebraska	118	178	60	27	12	310		7			57	3		84	2	
University of Nevada						64					2					
University of New Hampshire						204	1	3			7					
Rutgers University (N. J.)	80	45	158	80	6	181	2	5	9					189	2	
New Mexico A. & M. College						72	1									
Cornell University (N. Y.)	29	3	35	17	22	556	5	78	10	101	153	[9] 74	3	140	8	
North Carolina State College	74	1	5			578		31								
North Dakota Agricultural College	20	12	1			113					65					
Ohio State University	421	422	141	72	29	568	7	133	17		135	26		107		
Oklahoma A. & M. College	96	63	45	40	2	379	1	58		1	132	19				
Oregon State College	60	69	18	4		410	2	35	2		94	5	1			
Pennsylvania State College	197	153	117	56	8	624	5	52	4	33	117	14	1			
University of Puerto Rico	47	155				109					44			37	5	
Rhode Island State College						150	4				42					
Clemson Agricultural College (S. C.)						300		1								
South Dakota State College		9				83	1	1	1		32					
University of Tennessee	64	57	33	32		193		16			119	41		78	2	
A. & M. College of Texas						982		70	2							
Utah State Agricultural College	83	86	24	3		121		12			58	1				
University of Vermont	25	38	25	8		89	1	2			16					
Virginia Polytechnic Institute	19		5	1		635	4	42	1		15	6				
State College of Washington	106	20	22	7		169	1	3			69	9	1			
West Virginia University	16	16	91	45		125	1	8			38	4		51	2	
University of Wisconsin	160	234	136	82	15	692	3	81	9		154	23		241	7	2
University of Wyoming	64	50	19	4	3	142		6			16			36		
INSTITUTIONS FOR NEGROES																
Total Negro	225	662	13	32		89				1	498	9		17		
Alabama A. & M. College	16	36									62					
A. M. & N. College (Ark.)										1	23					
Delaware State College	2	11									7					
Florida A. & M. College for Negroes	10	166									37					
Fort Valley State College (Ga.)	9	90									21					
Kentucky State College																
Southern University & A. & M. College (La.)	18	34									20					
Maryland State College																
Alcorn A. & M. College (Miss.)											29					
Lincoln University (Mo.)	2	18									6			17		
A. & T. College of North Carolina	56	50	4	10		25					19					
Langston University (Okla.)	1	22									10					
South Carolina State A. & M. College			3	5		49					31					
Tennessee A. & I. State College	45	50	4	6		14					27	1				
Prairie View A. & M. College (Tex.)											79	3				
Virginia State College	30	116	2	11							27	5				
West Virginia State College	36	69				1					10					

See footnotes at end of table.

Table 12.—DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS, BY FIELD, 1948–49—Continued

Institution	Degrees in professional schools														
	Medicine					Nursing	Pharmacy				Other professional [4]				
	First professional		Master's or second professional		Doctor's	First professional	First professional		Master's or second professional	Doctor's or beyond the master's	First professional		Master's or second professional		Doctor's or beyond the master's
	Men	Women	Men	Women	M & W	Women	Men	Women	M & W	Men	Men	Women	Men	Women	Men
1	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
GRAND TOTAL	908	123	204	22	11	473	984	154	34	12	4,094	812	454	180	177
Total white	908	123	204	22	11	455	984	154	34	12	3,876	783	454	180	177
Alabama Polytechnic Institute							55	3			152	15	5	1	
University of Alaska											6		1		
University of Arizona											39	21	7		2
University of Arkansas	50	4													
University of California	53	21				85	52	6			276	68	51	67	
Colorado A. & M. College											108				
University of Connecticut						23	51	11					2	4	
University of Delaware							46	2	3		74		4		
University of Florida							56	4			208	42			
University of Georgia						4						6			
University of Hawaii							73	14	10	2	48		6		
University of Idaho							68	24			339	164	65	55	2
University of Illinois	171	36	16	2	1						102		21	8	
Purdue University (Ind.)											65		1		
Iowa State College											59				
Kansas State College							51	5							
University of Kentucky	52	6				20					67	61	19	10	5
Louisiana State University						6					56		2		
University of Maine	60	9	3		3	41	33	7	3	1					
University of Maryland											106	1	45	2	84
Massachusetts Institute of Technology											15		2		
University of Massachusetts											165	5	7		
Michigan State College												32			1
University of Minnesota	108	15	185	20	6	87	50	7	2	3					
Mississippi State College											416	89	34	6	1
University of Missouri	38	2				3									
Montana State College						14									

University of Nebraska	54	4			1	16	47	5	5						
University of Nevada															
University of New Hampshire															
Rutgers University (N. J.)							51	9	2						
New Mexico A. & M. College															
Cornell University (N. Y.)	58	10				36					110	12	10		1
North Carolina State College											272	3	8		
North Dakota Agricultural College							42	4	1		18	1	10		
Ohio State University	74	11				34	67	13	1	2	63	5	2		2
Oklahoma A. & M. College															
Oregon State College						7	30	4			85		3		
Pennsylvania State College											311	47	71	13	33
University of Puerto Rico											30	23			
Rhode Island State College						1									
Clemson Agricultural College (S. C.)											241				
South Dakota State College							26	8							
University of Tennessee	112					28	61								
A. & M. College of Texas											75		1		
Utah State Agricultural College											52		7		
University of Vermont	30	5				24					8	11	2	2	
Virginia Polytechnic Institute											9				
State College of Washington							23	8	3		108	19	5		
West Virginia University							19	6			41	38	23	7	
University of Wisconsin	48	8				26	74	14	4	4	161	120	40	5	46
University of Wyoming															
INSTITUTIONS FOR NEGROES															
Total Negro						18					148	30			
Alabama A. & M. College															
A. M. & N. College (Ark.)											20	2			
Delaware State College											3				
Florida A. & M. College for Negroes						15					44	7			
Fort Valley State College (Ga.)															
Kentucky State College															
Southern University & A. & M. College (La.)											21	10			
Maryland State College											5				
Alcorn A. & M. College (Miss.)															
Lincoln University (Mo.)															
A. & T. College of North Carolina															
Langston University (Okla.)															
South Carolina State A. & M. College															
Tennessee A. & I. State College															
Prairie View A. & M. College (Tex.)						3					13	1			
Virginia State College											11				
West Virginia State College											31	10			

[1] This institution did not distribute its master's and doctor's degrees. Distribution was made from data submitted to the Office in connection with a study other than this one.

[2] Includes 19 men's master's degrees.

[3] Undergraduate degrees in education are reported with degrees in arts and science.

[4] Includes degrees in the following fields:
Chemistry, forestry, journalism, library science, medical technician, optometry, physical education, public health, recreation, social welfare, textiles, and veterinary medicine.

Table 13.—INCOME OF LAND-GRANT INSTITUTIONS, EXCLUDING RECEIPTS SPECIFICALLY DESIGNATED FOR CAPITAL OUTLAY AND PERMANENT FUNDS, 1948–49

Institution	Total educational and general	Student fees	Federal Government: Regular appropriations for instruction, experiment stations, and extension	Federal Government: Research (other than in Col. 4)	Federal Government: V. A. receipts for tuition and fees (P. L. 16 and 346 benefits)	Federal Government: Other Federal grants	State governments	County, city, or district governments	Endowment earnings	Private gifts and grants	Sales and services of organized activities	Miscellaneous	Auxiliary enterprises	Noneducational purposes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GRAND TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total white	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Alabama Polytechnic Institute	6,028,431	286,469	1,604,412	198,703	1,546,900	----------	2,437,198	212,822	24,626	71,016	198,029	46,478	3,066,402	20,691
University of Alaska	600,639	86,461	73,950	150,780	49,337	----------	314,000	----------	----------	6,363	----------	8,739	113,161	3,282
University of Arizona	4,628,492	1,602,985	390,424	----------	852,000	----------	1,506,247	30,322	52,262	----------	93,170	85,981	1,284,900	64,354
University of Arkansas	6,121,630	461,722	1,299,623	208,426	1,053,121	----------	2,600,000	36,000	6,633	79,226	322,856	54,025	1,608,749	22,437
University of California	81,310,236	4,885,257	1,126,983	35,901,267	7,433,399	252,313	26,706,777	----------	1,320,749	1,368,481	2,104,662	806,337	7,546,246	2,269,536
Colorado A. & M. College	3,056,470	220,338	613,209	----------	879,067	----------	595,765	----------	51,749	97,992	298,372	----------	924,394	167,363
University of Connecticut	4,580,970	653,655	330,075	----------	1,531,600	6,670	1,889,700	69,848	4,849	16,865	48,654	----------	2,327,687	26,890
University of Delaware	2,003,540	1,366,368	268,303	65,611	1,312,113	----------	629,794	5,850	344,282	5,387	91,164	14,668	501,010	41,030
University of Florida	9,094,488	600,483	547,927	26,000	2,028,400	42,658	5,791,829	60,300	12,450	121,624	728,755	25,060	2,336,310	165,498
University of Georgia	5,946,370	1,285,099	1,296,662	27,194	934,795	79,094	1,730,235	32,215	16,400	102,608	401,475	100,136	1,276,911	----------
University of Hawaii	3,470,655	428,113	308,420	----------	287,377	9,095	2,075,236	----------	----------	43,689	209,287	57,348	619,124	88,269
University of Idaho	2,903,551	265,005	498,161	----------	353,574	16,425	1,500,318	----------	163,215	----------	176,432	13,421	1,270,720	54,988
University of Illinois	33,701,655	1,371,707	1,332,987	1,478,103	3,765,547	488,087	22,359,517	----------	85,697	1,402,088	1,182,229	172,764	6,072,992	1,026,290
Purdue University (Ind.)	14,898,409	1,553,109	1,120,890	633,646	2,600,816	----------	5,141,626	----------	15,731	593,252	1,666,161	403,179	6,210,287	78,733
Iowa State College	9,058,607	868,260	1,252,080	1,303,009	1,137,974	----------	4,027,840	----------	21,260	377,564	1,280,614	----------	4,194,907	37,883
Kansas State College	6,860,908	347,930	908,891	----------	1,741,077	----------	2,181,000	----------	15,020	----------	987,901	679,468	641,688	427,273
University of Kentucky	7,401,108	880,427	1,470,539	43,237	735,526	10,000	3,128,570	43,338	9,644	181,897	728,532	126,488	1,512,706	121,475
Louisiana State University	11,063,167	972,894	1,063,622	----------	1,016,315	142,290	7,329,084	----------	14,606	106,085	418,411	----------	2,638,621	427,287
University of Maine	3,659,760	629,555	459,984	6,082	1,020,602	----------	1,042,963	----------	33,221	----------	294,031	173,332	1,416,000	16,543
University of Maryland	11,107,128	1,142,483	880,395	----------	2,367,810	230,890	4,210,386	130,082	11,188	85,446	2,274,442	54,116	2,267,490	46,908

Massachusetts Institute of Technology	23,009,157	2,122,929	16,667	14,566,409	1,322,920		1,254		1,496,265	1,914,416	906,777	461,521	1,223,022	79,928
University of Massachusetts	3,742,909	164,383	448,724		810,533		2,025,922		15,386	30,287	77,018	150,736	1,322,976	
Michigan State College	15,836,061	1,305,993	1,232,945	28,592	3,325,387		8,158,782		121,260	390,010	870,536	12,446	7,694,162	
University of Minnesota	26,010,777	2,095,318	1,145,538	1,718,155	4,057,072	38,122	10,161,140		880,477	1,434,341	2,909,614		14,991,523	462,697
Mississippi State College	5,721,016	286,037	1,574,151		558,222		1,764,812	436,365	14,387	109,745	693,432	183,889	1,937,873	
University of Missouri	11,841,981	1,465,809	1,373,752	29,740	1,910,279	236,067	5,168,052	206,519	69,798	62,039	1,231,704	89,223	2,010,414	85,680
Montana State College	2,685,389	146,443	481,710	12,394	539,983	2,600	1,058,271		33,719	13,276	386,552	5,410	694,165	50
University of Nebraska	8,754,503	1,163,586	803,096	52,508	1,973,938	56,604	3,220,601		35,487	110,528	1,009,205	226,680	3,368,559	19,243
University of Nevada	1,490,608	179,610	294,279		187,953	5,347	720,848		15,589		84,034	3,930	346,734	353,813
University of New Hampshire	3,006,756	319,509	348,996		783,779	14,521	1,071,139		44,212	12,136	341,144	171,030	922,677	14,983
Rutgers University (N. J.)	10,264,257	1,694,242	514,284		2,656,131	28,542	3,975,561		249,589	1,085,744		90,204	2,434,999	28,575
New Mexico A. & M. College	2,022,819	82,113	479,200		294,131		719,535	91,150	56,317		200,023		617,187	20,174
Cornell University (N. Y.)	21,179,302	1,894,501	1,317,793	1,264,927	2,412,320	38,036	7,415,987		1,296,718	3,548,096	1,480,626	530,318	3,872,788	389,853
North Carolina State College	7,389,323	575,951	1,879,356	110,686	1,169,357		3,025,739		7,500	164,004	270,557	185,512	1,018,812	
North Dakota Agricultural College	2,436,905	76,242	634,747		240,436		1,197,423		60,479		235,401	2,175	318,036	
Ohio State University	25,345,199	1,208,708	1,144,403		5,121,925	171,579	10,801,586	401,059	153,787	1,522,917	2,110,989	2,610,281	7,680,043	
Oklahoma A. & M. College	8,549,302	444,884	1,213,684	90,768	2,551,094	11,423	3,223,589		116,626	96,517	800,777		3,852,043	41,473
Oregon State College	6,257,480	386,886	578,479	46,992	1,053,600		3,292,008	266,564	5,944	168,276	559,262	13,409	1,875,908	13,192
Pennsylvania State College	16,079,713	1,051,871	1,420,607	1,707,837	4,069,918		4,766,193		26,020	794,686	1,632,413	610,188	2,587,209	11,854
University of Puerto Rico	7,799,080	586,782	723,377	82,484	611,452	34,715	5,479,082		9,656	49,082	205,170	58,293	721,670	569,368
Rhode Island State College	1,972,749	375,061	284,791		349,600		839,250		1,780		142,257		643,812	298,330
Clemson Agricultural College (S. C.)	5,963,531	273,042	1,119,225		641,134	14,263	1,651,699		36,675	38,249	992,579	296,665	1,582,453	10,910
South Dakota State College	2,436,591	149,608	639,134	5,000	321,752		840,750	2,683	52,737		347,135	77,722	705,238	5,058
University of Tennessee	8,572,523	973,961	1,480,000		2,264,581		3,183,360		19,329	259,301	587,499	94,402	1,456,618	34,921
A. & M. College of Texas	12,108,996	291,647	2,489,230		1,418,000		4,982,410	980,319	729,657	267,520	757,483	1,262,720	4,349,724	74,947
Utah State Agricultural College	3,290,417	225,368	432,217	16,700	632,182		1,678,918	12,999	17,255	44,284	206,647	13,877	842,719	5,712
University of Vermont	3,282,320	957,871	351,534	37,486	781,582	20,680	365,937	73,373	65,531	138,072	490,371	50,901	452,775	184,670
Virginia Polytechnic Institute	5,497,627	439,140	1,145,683		815,546		2,046,761		16,250		784,487	249,760	1,632,754	
State College of Washington	8,366,109	238,221	690,474	29,379	757,577	6,617	5,356,823	280,480	280,129	157,399	436,933	161,052	2,088,190	489,436
West Virginia University	5,504,317	486,471	825,279	500	1,336,748	13,261	2,569,270	20,731	5,494		276,563		1,601,358	55,571
University of Wisconsin	22,343,789	1,873,820	1,124,579	262,598	3,099,696	46,391	9,931,108		55,898	1,444,996	4,305,004		5,622,188	754,643
University of Wyoming	3,436,437	308,697	376,518		595,402		1,552,168		111,782		156,475	37,095	1,227,752	49,615

See footnotes at end of table.

Table 13.—INCOME OF LAND-GRANT INSTITUTIONS, EXCLUDING RECEIPTS SPECIFICALLY DESIGNATED FOR CAPITAL OUTLAY AND PERMANENT FUNDS, 1948–49—Continued

Institution	Total educational and general	Student fees	Federal Government: Regular appropriations for instruction, experiment stations, and extension	Federal Government: Research (other than in Col. 4)	Federal Government: V. A. receipts for tuition and fees (P. L. 16 and 346 benefits)	Federal Government: Other Federal grants	State governments	County, city, or district governments	Endowment earnings	Private gifts and grants	Sales and services of organized activities	Miscellaneous	Auxiliary enterprises	Noneducational purposes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
INSTITUTIONS FOR NEGROES														
Total Negro	**12,942,696**	**1,095,496**	**477,865**		**2,471,808**	**173,534**	**7,383,271**	**82,774**	**29,188**	**40,547**	**504,863**	**223,570**	**5,536,083**	**230,577**
Alabama A. & M. College	411,945	44,556	35,765		73,738	3,529	243,040	2,675		700	6,134	1,758	192,508	
A. M. & N. College (Ark.)	580,677	66,578	25,159		272,003		197,810			1,069	15,010	3,048	206,208	8,909
Delaware State College	301,467	22,301	14,608		39,317	1,681	205,716				18,144		67,189	389
Florida A. & M. College for Negroes	1,661,871	72,228	45,828		304,959		1,177,526	26,000			2,933	32,398	537,094	89,679
Fort Valley State College (Ga.)	395,776	67,572	36,217		41,832	25,917	184,700	[1]	1,752		38,786		204,095	
Kentucky State College	456,709	55,308	14,839		34,436		345,000	3,548	1,255		1,260	1,034	140,274	
Southern University & A. & M. College (La.)	995,659	39,544	34,951		120,595		739,986			8,768	51,815		461,007	27,024
Maryland State College	357,043	17,994	15,161		39,312		120,646			500	14,170	[2] 149,260	68,444	
Alcorn A. & M. College (Miss.)	448,898	51,734	53,292		137,728		169,229	2,496	12,592		21,329	498	198,193	
Lincoln University (Mo.)	859,744	38,083	7,075		28,704		759,700				13,109	13,073	221,280	600
A. & T. College of North Carolina	850,061	152,887	36,552		313,898		338,466				8,260		622,580	25,227
Langston University (Okla.)	526,042	40,746	9,666		155,190	15,718	296,450				4,943	3,329	198,653	150
South Carolina State A. & M. College	831,217	108,812	45,841		144,359	22,898	447,376		5,754	8,565	47,614		185,280	2,250
Tennessee A. & I. State College	1,160,719	234,717	15,927		252,584	97,721	542,800					17,270	356,601	
Prairie View A. & M. College (Tex.)	953,958	98,242	35,803		211,000		507,060			5,520	91,241	5,092	878,912	5,025
Virginia State College	1,280,563	359,150	33,520		75,000		629,800	12,195	7,835	15,225	147,838		572,191	170,524
West Virginia State College	870,146	134,814	18,341		227,195	6,062	447,767	5,860			28,297	6,810	426,156	800

[1] Division between columns 3 and 6 estimated.
[2] Includes $143,745 transferred from the University of Maryland for current operations.

Table. 14.—ENDOWMENT AND OTHER NONEXPENDABLE FUNDS, INCLUDING RECEIPTS SPECIFICALLY DESIGNATED TO THESE FUNDS OF LAND-GRANT INSTITUTIONS, 1948–49

Institution	Endowment funds			Funds temporarily functioning as endowment			Annuity funds			Student loan funds					
	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Public appropriations	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Amount of loans made during fiscal year	Total amount of loans outstanding at end of year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GRAND TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total white	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Alabama Polytechnic Institute	840,985		5,720							121,073		48,480			23,470
University of Alaska	1,000		25							16,784		500	345	3,037	2,720
University of Arizona	98,970	25,042								23,465		124		18,970	426
University of Arkansas	132,067									83,799		5,225	1,041	7,460	17,316
University of California	23,380,018	1,759,373	2,101,861	8,355,255	52,429	129,075	7,174,406		298,080	492,029		17,707	9,514	236,955	139,548
Colorado A. & M. College	591,892		17,039							58,517			1,970	3,641	1,870
University of Connecticut	159,276									25,284					5,729
University of Delaware	4,526,270						112,311			20,831					8,309
University of Florida	324,032		1,094	21,000						140,080		72,207	2,072	129,835	65,681
University of Georgia	2,063,842	5,862	1,393	8,601	9,067					501,222		239,315	111,819	13,121	108,672
University of Hawaii	77,860	516	3,095							27,181			773	3,000	1,800
University of Idaho	5,087,940	33,877	90,608	9,752	5,600	312				27,809		1,741	195	13,256	5,318
University of Illinois	2,807,310	9,336	7,945							517,264		200	1,403	149,930	65,351
Purdue University (Ind.)	340,000			3,300,000		28,000				132,169		23,610	650	15,251	6,030
Iowa State College	1,325,793		19,875	9,619						142,749		1,577	2,673	88,261	26,540
Kansas State College	567,121									102,631		6,169	856	2,987	697
University of Kentucky	198,428									56,298		4,847		3,220	1,855
Louisiana State University	324,313	500								198,080		15,925	3,918	6,470	27,162
University of Maine	1,290,111	16,525	1,193							38,815		2,305	586	1,340	2,104
University of Maryland	2,933,681		27,773							37,056				2,287	14,630

See footnotes at end of table.

Table. 14.—ENDOWMENT AND OTHER NONEXPENDABLE FUNDS, INCLUDING RECEIPTS SPECIFICALLY DESIGNATED TO THESE FUNDS OF LAND-GRANT INSTITUTIONS, 1948–49—Continued.

Institution	Endowment funds			Funds temporarily functioning as endowment			Annuity funds			Student loan funds					
	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Balance at end of fiscal year	Receipts during fiscal year from— Public appropriations	Receipts during fiscal year from— Private gifts and grants	Receipts during fiscal year from— Earnings and profits on investment	Amount of loans made during fiscal year	Total amount of loans outstanding at end of year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Massachusetts Institute of Technology	37,616,328	474,369	789	6,871,816	1,417,206	592,533	2,470,179		79,928	2,126,378		115	61,146	67,080	367,532
University of Massachusetts	307,568		135							22,770				2,770	1,586
Michigan State College	2,438,229		188,682							91,913				74,784	12,587
University of Minnesota	22,199,977	261,708	1,708,139	199,752	82,521	587	593,293	155		517,356		14,400	7,587	51,300	151,811
Mississippi State College	365,789														
University of Missouri	2,711,047	101,176	4,257				54,748			418,209		10,080	14,642	79,581	37,755
Montana State College	2,028,037		86,172							3,381		5		160	349
University of Nebraska	1,026,992			449,825	10,000					214,891		475	4,128	18,793	30,465
University of Nevada	882,555									99,980				3,180	9,360
University of New Hampshire	1,489,167	16,619	40							457,034		12	8,337	17,300	87,939
Rutgers University (N. J.)	6,409,994	78,137	22,430				15,640			104,084				1,480	40,291
New Mexico A. & M. College	676,472		62,825							4,561		100	259	4,000	817
Cornell University (N. Y.)	24,657,877	784,112	131,724	17,077,056	1,690,582	114,262	810,978	128,730		394,990		4,420	139,275	86,013	162,659
North Carolina State College	125,000									28,700				1,575	11,858
North Dakota Agricultural College	1,910,419														

Ohio State University	2,784,281	140,944	11,003							155,698		783		50,840	98,449
Oklahoma A. & M. College	4,139,679		77,919	3,775						193,400		221	3,416	11,263	30,340
Oregon State College	297,534	10,008								90,281		2,804	3,415	25,922	5,434
Pennsylvania State College	1,205,784	36,461	4,765							143,898		12,935	5,128	16,308	47,027
University of Puerto Rico	2,346,488		[1] 168,991							14,233		1,480	1,345	13,814	5,285
Rhode Island State College	80,000									8,857		1,017	142	1,200	3,000
Clemson Agricultural College (S. C.)	288,196	1,142								26,404			2,875	6,782	2,060
South Dakota State College	810,337									12,851		308	325	300	5,218
University of Tennessee	640,760	1,605	80							602,024		781	12,987	16,797	54,490
A. & M. College of Texas	496,260	46,067	7,203							6,255				4,077	1,021
Utah State Agricultural College	366,176									16,904		1,200		475	2,490
University of Vermont	2,274,405	5,300	151	1,468,245	22,141	2,849	631,084	100		190,872		202		29,511	127,021
Virginia Polytechnic Institute	300,312									95,296	1,000		2,448	4,082	15,600
State College of Washington	10,021,044	11,554	178,259	130,288		2,728				64,962		4,208	1,464	22,937	8,578
West Virginia University	125,300														
University of Wisconsin	5,599,251	68,513	12,799							268,170				63,925	86,997
University of Wyoming	3,302,742		108,771	23,480	7,000	615				52,017			2,495		
INSTITUTIONS FOR NEGROES [2]															
Total Negro	894,625		15,893							24,792	2,000		480	2,205	3,029
Fort Valley State College (Ga.)	28,029														
Kentucky State College	28,926														
Alcorn A. & M. College (Miss.)	209,871		15,893												
South Carolina State A. & M. College	95,000														
Virginia State College	172,000									25,792	2,000		480	2,205	3,029

[1] Additions to fund are from sale of lands and timber, and from royalties on iron ore—all from lands received from the 1862 Federal land grant.

[1] Institution reports that $165,818 of this amount is from a public appropriation.

[2] Institutions omitted reported no endowment or other nonexpendable funds.

Table 15.—EXPENDITURES OF LAND-GRANT INSTITUTIONS, 1948–49

Institution	Expenditures for educational and general purposes									
	Total educational and general expense	Administration and general expense	Resident instruction	Organized research	Extension	Libraries	Physical plant operation and maintenance	Organized activities related to instruction	Auxiliary enterprises and activities	Other noneducational expenses
1	2	3	4	5	6	7	8	9	10	11
GRAND TOTAL	$494,973,782	$38,441,821	$174,734,874	$115,308,794	$65,573,223	$11,867,784	$48,873,239	$26,236,797	$127,638,772	$14,275,650
Total white	453,308,039	27,904,199	165,584,867	114,267,443	65,255,332	11,523,754	46,234,989	25,506,762	122,271,639	13,418,590
Alabama Polytechnic Institute	5,863,062	309,886	1,852,096	1,235,242	1,754,894	115,762	340,822	164,919	2,526,064	25,822
University of Alaska	562,647	95,121	151,963	141,129	82,986	1,980	89,489		110,890	1,907
University of Arizona	3,343,240	309,989	1,534,639	695,780	445,500	89,692	402,541	72,129	1,198,258	119,011
University of Arkansas	4,971,198	321,222	1,487,146	779,544	1,373,931	97,690	255,858	655,813	1,525,087	84,773
University of California	77,312,980	3,402,447	18,062,844	43,639,168	4,172,319	2,053,051	3,324,165	2,648,296	8,399,974	2,321,538
Colorado A. & M. College	3,917,078	235,186	1,047,279	531,126	529,227	87,018	218,784	268,872	866,064	130,838
University of Connecticut	4,805,444	212,193	2,702,890	257,364	540,342	47,770	596,654	49,654	2,207,546	26,262
University of Delaware	1,660,727	291,281	853,972	158,795	263,912	30,346	324,988	87,522	276,874	48,780
University of Florida	9,011,808	665,800	3,554,094	3,349,476	857,888	259,048	990,349	325,393	1,969,939	200,996
University of Georgia	5,497,278	284,638	1,829,010	287,969	3,172,047	190,219	367,045	415,447	1,212,257	21,158
University of Hawaii	3,434,135	302,656	1,398,387	694,089	604,311	167,490	196,572	83,612	611,236	49,174
University of Idaho	2,960,672	254,959	1,084,299	444,214	479,707	71,228	479,833	176,422	1,088,012	4,898
University of Illinois	34,108,560	2,149,656	13,826,558	5,280,493	3,225,352	1,116,741	5,296,870	2,121,109	6,126,486	1,025,290
Purdue University (Ind.)	13,216,198	1,078,344	4,389,279	2,387,847	2,092,191	178,982	1,424,693	1,696,161	5,051,824	76,781
Iowa State College	10,510,787	698,348	3,547,432	3,193,856	1,407,302	195,050	914,709	555,051	3,941,862	28,779
Kansas State College	5,845,217	345,128	2,544,115	543,218	812,680	92,618	619,462	987,931	794,970	542,392
University of Kentucky	6,906,699	617,524	2,418,831	861,825	1,735,291	241,286	794,447	449,495	1,493,841	147,851
Louisiana State University	10,105,438	1,032,354	3,863,176	1,606,128	1,930,911	374,238	896,443	422,213	3,552,072	587,893
University of Maine	2,218,604	282,082	1,444,951	472,622	353,629	57,580	508,880	98,870	1,490,477	26,956
University of Maryland	10,447,364	563,564	4,094,823	984,859	967,043	137,966	923,427	2,836,994	1,981,400	50,946
Massachusetts Institute of Technology	22,060,940	2,091,155	4,808,011	12,828,127		237,588	1,404,784	688,265	1,453,514	52,414
University of Massachusetts	3,863,430	191,500	1,461,822	735,717	428,551	54,515	785,323	310,810	1,119,972	
Michigan State College	12,993,741	1,929,412	5,880,789	990,647	1,477,207	236,258	1,974,758	804,689	7,986,919	1,022,412
University of Minnesota	23,690,776	2,419,078	9,312,691	4,633,252	1,738,122	704,046	2,226,116	2,698,470	12,946,108	329,010
Mississippi State College	5,341,214	158,893	1,090,866	1,231,196	2,238,139	62,237	256,394	303,884	1,875,849	60,488
University of Missouri	10,308,574	956,820	2,533,291	842,830	1,975,608	285,280	933,279	1,781,286	1,968,542	56,628
Montana State College	2,334,184	116,192	879,216	256,240	614,424	46,212	227,487	294,219	617,853	
University of Nebraska	6,072,211	606,512	3,090,428	1,108,005	1,154,512	298,206	919,643	960,906	3,027,527	247,749
University of Nevada	1,436,370	183,852	642,430	165,940	178,935	80,858	180,165	34,200	351,778	602,459
University of New Hampshire	2,682,402	246,224	1,025,250	271,640	342,659	73,137	476,890	196,902	789,788	12,291

Rutgers University (N. J.)	9,291,444	1,690,575	3,561,922	1,235,953	1,199,592	268,045	1,325,327		2,492,906	1,319,034	
New Mexico A. & M. College	1,860,710	140,916	490,035	257,260	877,217	38,959	62,542	256,781	546,072	44,372	
Cornell University (N. Y.)	19,834,285	2,416,368	7,089,790	2,616,057	2,516,057	479,975	1,676,594	2,959,434	3,637,934	1,004,632	
North Carolina State College	7,450,952	268,653	2,380,095	1,326,450	2,598,340	85,838	489,792	209,784	898,196	.....	
North Dakota Agricultural College	2,238,128	81,695	801,790	493,815	479,560	46,348	189,266	145,693	277,253	.....	
Ohio State University	19,781,692	1,694,035	10,354,569	687,670	1,841,241	486,286	2,826,872	2,110,989	6,806,355	87,269	
Oklahoma A. & M. College	7,787,445	673,011	3,709,536	1,131,075	1,878,205	190,538	386,655	108,126	2,817,078	33,783	
Oregon State College	6,148,623	316,501	2,308,084	972,689	1,204,996	182,056	640,173	536,214	1,836,099	14,931	
Pennsylvania State College	15,798,213	1,232,679	4,518,565	4,080,818	3,801,614	242,874	1,354,459	659,204	1,967,911	11,854	
University of Puerto Rico	6,664,526	931,468	2,586,734	1,049,739	928,216	141,208	783,859	274,628	560,918	1,181,992	
Rhode Island State College	1,960,619	189,057	805,218	189,087	173,138	51,348	440,604	143,287	788,472	25,998	
Clemson Agricultural College (S. C.)	4,234,219	195,788	1,141,344	951,572	1,498,288	62,042	300,652	164,549	1,947,099	67,228	
South Dakota State College	2,275,435	98,498	682,658	203,471	528,739	35,687	389,087	347,135	703,617	4,410	
University of Tennessee	8,101,098	568,813	3,736,923	717,947	1,774,622	394,474	680,789	367,303	1,479,585	52,535	
A. & M. College of Texas	10,222,918	479,391	2,806,281	2,087,308	3,696,086	123,182	561,077	500,618	3,638,360	57,774	
Utah State Agricultural College	3,219,308	343,604	1,348,213	548,359	416,006	111,178	411,392	143,558	783,819	19,273	
University of Vermont	3,205,688	230,568	1,342,607	309,113	334,849	62,687	438,055	487,810	389,462	246,561	
Virginia Polytechnic Institute	5,497,627	176,388	1,348,238	806,972	1,543,515	90,447	748,490	794,487	1,662,754	.....	
State College of Washington	7,547,812	692,438	2,414,135	1,714,014	1,174,189	238,352	1,207,139	122,549	2,179,042	730,782	
West Virginia University	5,040,178	318,289	2,178,701	488,719	1,044,256	171,379	712,661	138,171	1,327,126	67,611	
University of Wisconsin	22,506,146	1,458,911	8,634,953	3,736,546	3,097,986	510,204	1,974,759	2,108,679	5,548,222	737,774	
University of Wyoming	2,134,714	480,885	1,286,819	291,790	436,856	81,587	349,289	97,488	1,254,548	41,356	
INSTITUTIONS FOR NEGROES											
Total Negro	**11,704,723**	**1,445,431**	**6,139,087**	**9,253**	**217,906**	**438,929**	**2,539,369**	**648,935**	**5,348,142**	**856,998**	
Alabama A. & M. College	392,692	49,872	126,440			9,596	179,900	26,865	152,461	34,599	
A. M. & N. College (Ark.)	596,763	104,448	378,144	2,506	13,990	15,698	59,696	24,311	163,109	15,590	
Delaware State College	285,382	71,052	90,239		1,522	16,757	87,698	18,144	94,804	.....	
Florida A. & M. College for Negroes	1,089,151	187,930	692,286		22,995	42,225	114,623	26,122	623,809	49,269	
Fort Valley State Coll. (Ga.)	390,680	67,340	175,422		23,387	8,315	84,891	21,365	163,996	3,983	
Kentucky State College	451,525	92,574	164,729			30,827	192,135	1,290	140,244		
Southern University & A. & M. College (La.)	996,579	185,625	469,415	6,563	26,431	37,897	161,690	97,988	439,189	6,292	
Maryland State College	342,612	37,675	198,235			23,251	69,291	14,179	72,801	10,074	
Alcorn A. & M. College (Miss.)	466,853	80,317	200,408		6,964	9,439	141,351	28,394	146,859	5,080	
Lincoln University (Mo.)	770,066	120,543	434,408		5,000	30,290	157,642	22,098	196,842	600	
A. & T. College of North Carolina	858,234	37,408	648,612			23,908	222,982	25,434	539,634		
Langston University (Okla.)	498,246	66,701	236,325			36,209	155,098	4,943	178,745	15,118	
South Carolina State A. & M. College	826,140	78,128	352,498		50,200	17,512	265,518	41,749	152,785	9,773	
Tennessee A. & I. State College	1,162,291	55,038	738,397		78,480	15,387	278,971		377,904		
Prairie View A. & M. College (Tex.)	796,030	116,379	276,671	213	9,772	55,154	121,112	187,739	444,731	4,444	
Virginia State College	1,191,333	99,273	743,898		28,991	39,121	197,756	84,387	434,204	721,268	
West Virginia State College	622,146	97,136	306,091		34,219	13,459	180,118	12,139	403,103	800	

Table 16.—PHYSICAL PLANT, RECEIPTS SPECIFICALLY DESIGNATED, INSTITUTIONS,

	Institution	Values of physical plant at end of fiscal year	Unexpended plant funds	Receipts specifical		
				Federal Government	State government	Private gifts and grants
	1	2	3	4	5	6
	GRAND TOTAL	$1,126,765,199	$169,297,544	$944,835	$94,695,217	$1,355,696
	Total white	1,097,361,767	149,134,571	894,035	72,337,969	1,319,357
1	Alabama Polytechnic Institute	7,889,230	1,606,031		107,000	501
2	University of Alaska	1,428,126	1,512			
3	University of Arizona	7,658,510			345,626	
4	University of Arkansas	9,826,960	515,150		400,000	
5	University of California	92,576,994	24,145,152	50,000	11,242,550	560,056
6	Colorado A. & M. College	6,683,260			14,286	
7	University of Connecticut	17,960,979	5,447,197		191,195	
8	University of Delaware	6,902,712	786,594			1,000
9	University of Florida	25,087,340	6,548,467		3,144,308	50,000
10	University of Georgia	11,072,909	999,422			40,061
11	University of Hawaii	6,218,918			284,578	5,043
12	University of Idaho	11,556,574	2,955,534		3,067,794	5,000
13	University of Illinois	71,742,592	4,535,110		912,445	
14	Purdue University (Ind.)	27,537,140	1,861,082		1,389,535	100
15	Iowa State College	20,501,323			699,774	
16	Kansas State College	12,291,446	3,246,071		880,960	
17	University of Kentucky	26,080,780	2,898,863			20,900
18	Louisiana State University	37,682,517	2,444,671		408,780	
19	University of Maine	8,668,385	1,402,662			19,022
20	University of Maryland	23,891,864	5,677,761		4,735,500	
21	Massachusetts Institute of Technology	22,243,619	880,153			206,666
22	University of Massachusetts	6,808,530			762,500	
23	Michigan State College	48,401,659	2,383,514		5,210,198	22,641
24	University of Minnesota	58,373,709	8,997,707	167,308	2,329,746	90,711
25	Mississippi State College	7,730,164	2,447,680		394,780	
26	University of Missouri	25,186,971	2,299,999		841,120	
27	Montana State College	5,714,143	251,037		15,000	541
28	University of Nebraska	19,901,808	781,991		984,861	38,789
29	University of Nevada	3,282,510		30,100	4,556	
30	University of New Hampshire	8,018,737	1,077,554			
31	Rutgers University (N. J.)	51,170,758	312,013	18,309	1,498,636	37,590
32	New Mexico A. & M. College	2,924,731	128,126		110,000	
33	Cornell University (N. Y.)	48,944,968				
34	North Carolina State College	13,300,000	13,365,745		9,141,545	
35	North Dakota Agricultural College	5,685,878	777,485		1,052,314	
36	Ohio State University	43,237,774	15,796,123		6,252,536	
37	Oklahoma A. & M. College	30,996,390	7,932,674		265,100	
38	Oregon State College	18,980,304	1,108,186	60,600	378,029	
39	Pennsylvania State College	89,282,097			95,000	18,418
40	University of Puerto Rico	10,836,482	2,292,287		1,092,697	5,798
41	Rhode Island State College	8,080,796			2,200,000	
42	Clemson Agricultural College (S. C.)	11,863,639	1,184,271		1,550,000	
43	South Dakota State College	4,026,158	639,445		28,000	
44	University of Tennessee	24,499,134	118,366		3,178,350	
45	A. & M. College of Texas	26,730,659	7,614,629			
46	Utah State Agricultural College	6,977,883	217,200		298,080	
47	University of Vermont	5,468,971	31,412			1,000
48	Virginia Polytechnic Institute	10,988,622			971,533	
49	State College of Washington	19,849,241	438,350	177,446	3,323,945	28,676
50	West Virginia University	18,000,000	2,135,088		229,000	
51	University of Wisconsin	47,081,937	5,482,480		1,000,000	
52	University of Wyoming	11,826,300	2,452,728		4,876,690	197,050

AND EXPENDITURES FOR EXTENSION OF PLANT IN LAND-GRANT 1948–49

ly designated from—				Expenditures for plant extension for—					
Earnings and proceeds on investments	Transfers from current funds	Loans for plant extension	Total	Land	New buildings and additions	New equipment	Improvements (utility lines, etc.)	Total	
7	8	9	10	11	12	13	14	15	
$2,866,104	$18,896,699	$47,914,391	$154,279,545	$4,204,837	$128,178,798	$16,216,867	$7,897,611	$156,591,321	
2,866,104	18,494,197	47,528,391	149,991,154	2,222,897	98,741,857	14,471,779	7,779,966	123,218,199	
10,697	897,510		1,015,707	66,765	1,637,912	571,000	87,241	2,362,918	1
	40,167	70,000	110,167	999	140,969	55,999	9,953	207,919	2
			345,625	41,500	602,755			644,255	3
	600,000		1,000,000	5,000	625,692	301,935	12,822	945,442	4
226,853	2,480,372		14,561,831	816,610	7,860,603	423,208	1,870,547	10,972,966	5
			14,299		296,830			296,830	6
	1,084,432	4,500,000	5,725,627		3,505,346	187,154	437,903	4,130,463	7
15,120			16,120		77,537	272,745	219	350,501	8
	300,000	3,673,826	7,168,223	82,260	4,177,452	1,120,161	235,181	5,625,054	9
		31,000	71,061		612,158	282,587	15,755	910,500	10
167	84,757	270,000	614,645	220,795	374,643	29,810	23,520	657,768	11
		70,000	3,142,794	11,645	490,158	123,434	9,832	635,069	12
	996,934	800,000	2,705,379	224,072	5,648,435	449,753	904,382	7,226,642	13
252,530	1,450,780		3,062,945	158,124	1,013,202	35,071	553,261	1,760,748	14
61,476	1,421,496	23,500	2,205,290		1,268,409	374,169	502,318	2,134,896	15
96,700			677,069		223,335	89,461	23,033	335,829	16
	213,441	1,630,000	1,864,341	20,000	1,918,529		10,441	1,949,970	17
			408,780	113,260	504,372	537,016	212,450	1,367,198	18
11,378			30,400		2,348,124	239,965	253,710	2,841,799	19
	471,666		5,207,166	34,118	4,008,375	71,032	126,765	4,240,290	20
73,106			339,774		2,654,650			2,654,650	21
			792,999		1,516,081	205,172	361,608	2,082,861	22
682,152	976,106	4,000,000	10,891,097	104,977	9,496,830	332,971		9,934,768	23
25,004	198,540	780,000	3,594,299	53,331	4,732,026	1,215,226	110,076	6,110,661	24
	84,328		469,078		685,602	159,952		845,554	25
2,961	348,625	1,768,943	2,969,649		1,668,509	393,786	220,364	2,289,749	26
120	204,041		219,712	10,000	380,294	155,298	57,317	602,909	27
	45,576		1,069,196	206,035	927,480	111,610	71,007	1,316,132	28
			34,666				34,666	34,666	29
	145,286		145,286	2,002	888,968	124,508	152,492	1,168,970	30
38,948		100,000	1,698,497	17,084	1,698,169	10,275		1,725,478	31
19,678		300,000	420,678	156	451,456	105,620	39,268	596,492	32
									33
			9,141,545		1,814,707	123,697	25,101	1,963,505	34
			1,069,314		236,010	49,619		274,329	35
1,044			6,233,582	1,044	5,966,765	1,568,641	47,950	7,514,400	36
266	616,292	12,170,300	12,681,958	176,500	4,668,880	609,376	85,887	5,565,943	37
64,990		1,792,000	2,296,709	268,217	2,097,418	281,548	146,634	2,808,807	38
	517,197	2,500,000	9,120,615		4,309,558	517,197	217,508	5,044,263	39
	215,602		1,312,984	127,141	515,257	609,597	11,577	1,163,572	40
			2,209,000		294,487	86,523		371,009	41
			1,590,000		390,156		43,314	433,470	42
			28,000		232,684	67,527		300,211	43
30,600	715,454	602,500	4,585,310	160,634	3,269,287	1,421,315	151,974	5,103,300	44
757,908	709,382	5,040,000	6,507,290	41,131	1,119,681	998,099	95,973	2,194,864	45
	292,196		895,216		643,560	229,219	77,558	950,696	46
	5,518	4,058	10,576		6,905			6,905	47
			971,533	16,287	870,255	61,014	24,027	971,583	48
168,991	1,065,588	585,165	5,243,900	120,488	4,045,113	730,400	393,247	5,287,248	49
	322,612		551,482	171,597	787,419	62,630		1,022,995	50
28,977			1,025,977		1,131,992		32,042	1,168,984	51
		1,071,000	2,854,678	22,184	3,408,783	323,561		4,294,528	52

Table 16.—PHYSICAL PLANT, RECEIPTS SPECIFICALLY DESIGNATED, INSTITUTIONS,

	Institution	Values of physical plant at end of fiscal year	Unexpended plant funds	Receipts specifical		
				Federal Government	State government	Private gifts and grants
	1	2	3	4	5	6
	INSTITUTIONS FOR NEGROES					
	Total Negro	39,468,432	11,153,373	440,800	12,357,327	36,069
53	Alabama A. & M. College	1,460,893			15,000	
54	A. M. & N. College (Ark.)	1,492,637	3430			1,069
55	Delaware State College	560,116				35,000
56	Florida A. & M. College for Negroes	4,104,418	190,310			
57	Fort Valley State College (Ga.)	915,281			8,156	
58	Kentucky State College	2,295,363				
59	Southern University & A. & M. College (La.)	2,112,556	357,075		869,500	
60	Maryland State College	912,623	1,072,614		17,793	
61	Alcorn A. & M. College (Miss.)	1,077,695	11,666	440,800		
62	Lincoln University (Mo.)	2,000,750			7,532,820	
63	A. & T. College of North Carolina	1,797,648	7,532,820		440,000	
64	Langston University (Okla.)	2,082,631	160,761		142,194	
65	South Carolina State A. & M. College	1,919,500			1,666,000	
66	Tennessee A. & I. State College	7,376,146	408,881		446,000	
67	Prairie View A. & M. College (Tex.)	2,517,719	677		1,229,774	
68	Virginia State College	4,545,750	1,418,226			
69	West Virginia State College	2,231,696				

AND EXPENDITURES FOR EXTENSION OF PLANT IN LAND-GRANT 1948–49—Continued

ly designated from—				Expenditures for plant extension for—					
Earnings and proceeds on investments	Transfers from current funds	Loans for plant extension	Total	Land	New building and additions	New equipment	Improvements (utility lines, etc.)	Total	
7	8	9	10	11	12	13	14	15	
----------	368,495	75,000	13,268,691	872,749	3,436,369	747,197	126,816	5,185,122	
----------	----------	----------	15,000	----------	----------	----------	15,000	15,000	53
----------	46,242	----------	47,311	----------	12,208	32,035	3,068	47,311	54
----------	----------	----------	----------	----------	----------	9,459	----------	9,459	55
----------	----------	----------	35,000	----------	817,564	51,779	87,310	956,653	56
----------	----------	----------	----------	----------	----------	----------	----------	----------	57
----------	----------	----------	8,156	----------	123,336	56,605	----------	179,941	58
----------	39,019	----------	39,019	----------	----------	39,019	----------	39,019	59
----------	----------	----------	869,590	----------	346,425	4,590	6,523	357,538	60
----------	----------	----------	17,793	----------	----------	17,793	----------	17,793	61
----------	70,893	----------	511,693	453,430	55,560	2,703	----------	511,693	62
----------	----------	----------	7,532,820	92,223	173,378	22,520	----------	288,121	63
----------	----------	75,000	515,000	----------	345,739	----------	----------	345,739	64
----------	----------	----------	142,194	15,825	126,369	----------	----------	142,194	65
----------	----------	----------	1,666,000	127,500	1,139,619	408,881	----------	1,666,000	66
----------	213,341	----------	659,341	11,327	114,895	20,244	14,915	161,381	67
----------	----------	----------	1,229,774	172,435	193,276	7,977	----------	373,688	68
----------	----------	----------	----------	----------	----------	73,592	----------	73,592	69

Table 17.—FEDERAL FUNDS RECEIVED BY LAND-GRANT INSTITUTIONS FOR YEAR ENDED JUNE 30, 1949

Institution	Total	Endowment income from: 1862 land-grant funds	Endowment income from: Other Federal land-grant funds	Instruction and facilities—supplementary Morrill and Bankhead-Jones funds	Research (experiment stations): Hatch-Adams funds	Research (experiment stations): Purnell funds	Research (experiment stations): Bankhead-Jones funds (Title I)	Research (experiment stations): Flannagan-Hope funds (Title I)
1	2	3	4	5	6	7	8	9
GRAND TOTAL	$198,911,315	$1,451,124	$694,158	$5,620,000	$1,422,323	$2,849,418	$2,896,254	$2,782,570
Total white	190,788,883	1,450,098	694,158	4,582,495	1,422,323	2,849,418	2,896,254	2,782,570
Alabama Polytechnic Institute	2,372,394	20,280		65,667	30,000	60,000	96,153	122,819
University of Alaska	274,076			50,000				
University of Arizona	1,304,786	3,365	44,997	75,698	30,000	60,000	15,499	35,503
University of Arkansas	2,567,300	6,633		67,080	30,000	60,000	74,312	94,172
University of California	44,730,335	22,175	3,200	146,834	30,000	60,000	95,543	104,421
Colorado A. & M. College	1,513,808	21,336		62,320	30,000	60,000	26,086	68,081
University of Connecticut	1,881,008	4,355		59,508	15,000	30,000	13,120	17,030
University of Delaware	647,427	1,400		55,433	30,017	60,000	6,055	
University of Florida	2,654,985	7,750	2,280	45,827	30,000	60,000	40,870	82,063
University of Georgia	2,263,275	6,130		70,484				
University of Hawaii	694,502			74,331	28,410	60,000	10,269	18,403
University of Idaho	1,024,168	35,247	122,789	75,900	30,000	60,000	16,590	44,270
University of Illinois	7,103,105	33,461		103,131	30,097	60,000	100,783	84,785
Purdue University (Ind.)	5,376,816	11,485		100,121	30,000	60,000	73,323	78,619
Iowa State College	3,710,472	17,499		95,909	30,000	60,000	74,722	118,977
Kansas State College	2,604,037	15,030		90,555	30,000	60,000	57,170	51,805
University of Kentucky	2,207,947	5,645		87,618	30,000	60,000	95,122	75,013
Louisiana State University	2,236,703	8,116	5,440	82,023	30,000	60,000	65,920	67,118
University of Maine	1,492,303	5,915		78,009	30,000	60,000	54,124	37,397
University of Maryland	3,182,315	3,210		75,625	30,007	60,979	36,308	40,821
Massachusetts Institute of Technology	16,109,646	3,030		16,067				
University of Massachusetts	1,203,567	7,300		102,600	30,000	60,000	21,757	34,530
Michigan State College	4,081,069	74,189		120,985	30,000	60,000	85,528	80,323
University of Minnesota	7,823,027	594,140		101,868	30,000	60,000	66,514	76,009
Mississippi State College	2,149,769	5,914	8,475	41,622	30,000	60,000	54,570	132,000
University of Missouri	3,067,081	21,502	7,320	108,120	30,000	60,000	30,304	82,000
Montana State College	1,070,200	27,283	6,370	70,385	30,000	60,000	17,871	30,284
University of Nebraska	2,921,523	31,202	12,984	85,018	30,000	60,000	44,203	52,076
University of Nevada	402,731	3,518	1,654	71,208	30,000	60,000	3,121	2,100
University of New Hampshire	1,162,006	4,000		75,610	30,000	60,000	9,925	20,768

Rutgers University (N. J.)	3,204,737	5,800		117,480	30,000	60,000	36,470	49,059
New Mexico A. & M. College	820,688	56,307		76,070	30,000	60,000	16,935	33,152
Cornell University (N. Y.)	5,057,305	34,429		223,537	29,841	59,439	69,535	
North Carolina State College	2,168,931	7,500		74,211	30,000	60,000	123,767	95,491
North Dakota Agricultural College	938,652	60,479		77,236	30,000	60,000	28,147	30,907
Ohio State University	6,423,082	31,451	13,694	148,536				
Oklahoma A. & M. College	2,921,395		116,626	87,000	30,000	60,000	73,367	66,935
Oregon State College	1,635,015	5,944		82,437	30,000	60,000	36,869	55,939
Pennsylvania State College	7,224,823	25,000	1,030	182,900	30,000	60,000	157,578	106,539
University of Puerto Rico	1,442,028			50,000	30,000	60,000	62,062	
Rhode Island State College	615,871	1,780		78,141	30,000	60,000	2,887	26,558
Clemson Agricultural College (S. C.)	1,793,576	5,754		45,941	30,000	60,000	60,224	73,066
South Dakota State College	1,015,038	30,562	13,194	77,338	30,000	60,000	27,733	38,261
University of Tennessee	5,736,062	12,291		87,283	30,000	60,000	80,962	
A. & M. College of Texas	8,917,030	10,450		107,400	30,000	60,000	173,212	207,583
Utah State Agricultural College	1,008,394	17,255		76,281	30,000	60,000	12,170	48,806
University of Vermont	1,158,852	7,830		74,100	30,000	60,000	12,075	21,824
Virginia Polytechnic Institute	1,977,479	16,280		67,041	30,000	60,000	32,942	62,068
State College of Washington	1,794,142	77,499	172,602	89,815	30,000	60,000	38,797	59,113
West Virginia University	2,181,282	5,494		73,366	30,000	60,000	65,169	56,012
University of Wisconsin	4,546,606	5,509	7,928	105,809	30,000	60,000	70,153	81,206
University of Wyoming	1,080,990	27,110	81,000	72,862	30,000	60,000	7,820	26,445
INSTITUTIONS FOR NEGROES								
Total Negro	8,159,896	37,898		477,865				
Alabama A. & M. College	113,069			25,765				
A. M. & N. College (Ark.)	297,162			26,159				
Delaware State College	55,006			14,608				
Florida A. & M. College for Negroes	360,787			45,826				
Fort Valley State College (Ga.)	102,906			35,217				
Kentucky State College	80,560	1,255		14,859				
Southern University & A. & M. College (La.)	155,548			34,951				
Maryland State College	54,473			15,161				
Alcorn A. & M. College (Miss.)	202,612	12,592		58,392				
Lincoln University (Mo.)	85,779			7,075				
A. & T. College of North Carolina	380,446			36,582				
Langston University (Okla.)	180,574			9,696				
South Carolina State A. & M. College	218,850	5,754		45,341				
Tennessee A. & I. State College	366,282			15,927				
Prairie View A. & M. College (Tex.)	246,808			35,808				
Virginia State College	116,355	7,835		32,520				
West Virginia State College	251,598			18,341				

[1] Includes funds for U. S. Public Health programs, program of TVA, and some Army and Navy programs for research in the universities.

Table 17.—FEDERAL FUNDS RECEIVED BY LAND-GRANT INSTITUTIONS FOR YEAR ENDED JUNE 30, 1949—Continued

Institution	Cooperative extension							Veterans' Administration funds for student fees	Federal research funds (excluding funds in Cols. 6, 7, 8, and 9)	Other Federal Grants [1]
	Smith-Lever funds	Capper-Ketcham funds	Bankhead-Jones funds (Title II)	Additional cooperative funds	Bankhead-Flannagan funds	Flannagan-Hope funds (Title II)	Other agricultural funds			
1	10	11	12	13	14	15	16	17	18	19
GRAND TOTAL	$4,885,883	$1,489,284	$12,222,612	$554,826	$18,947,848	$518,644	$394,080	$82,946,878	$98,195,312	$2,178,644
Total white	4,885,883	1,489,284	12,222,612	554,826	18,947,848	518,644	394,080	81,475,029	98,195,312	2,098,130
Alabama Polytechnic Institute	151,597	37,220	502,475	3,724	471,830	7,287	55,040	1,548,900	198,793	
University of Alaska	13,950	10,000						40,337	150,789	
University of Arizona	33,297	22,833	61,114		65,180			883,000		
University of Arkansas	118,083	33,218	419,800	6,949	390,788	4,550		1,053,121	208,425	
University of California	163,030	37,465	280,837		285,374	900		7,423,399	35,901,267	252,313
Colorado A. & M. College	48,167	34,639	110,562	27,306	128,782	1,404		879,057		
University of Connecticut	40,469	34,800	57,651		30,797	4,801		1,531,000		6,670
University of Delaware	19,101	21,107	36,803		16,991	20,796		312,113	65,611	
University of Florida	55,126	27,418	129,052		105,014	1,265		2,028,400	26,000	42,658
University of Georgia	156,817	37,855	502,536	20,433	434,862	7,123		854,795	27,194	79,094
University of Hawaii	21,395	21,286	66,700	16,591	45,641	4,704		287,377		9,095
University of Idaho	34,986	23,023	92,774	3,445	114,023			253,574		16,425
University of Illinois	169,516	37,952	386,360	10,561	302,728			3,798,547	1,478,108	488,057
Purdue University (Ind.)	120,303	33,414	312,270		287,771	12,500	12,500	2,009,816	633,645	
Iowa State College	114,140	32,065	354,375	28,021	326,786	13,425		1,127,974	1,203,009	
Kansas State College	84,993	29,120	288,023	50,229	213,087	2,500		1,741,077		
University of Kentucky	152,978	37,398	472,004		442,727	11,600	5,079	725,536	43,257	10,000
Louisiana State University	326,704	32,060	100,054		299,805	6,582	4,270	1,616,315		142,290
University of Maine	46,109	24,391	83,323	2,217	66,386	5,908		1,020,602	6,082	
University of Maryland	63,004	26,453	168,295		86,234	34,814		2,387,510		230,806
Massachusetts Institute of Technology										
University of Massachusetts		28,963	115,682		51,694	8,200		1,522,920	14,566,490	
Michigan State College	120,007	35,680	332,520		305,733	24,548		810,453		
University of Minnesota	110,427	32,213	348,555		311,400	7,311		3,323,387	28,892	
Mississippi State College	135,403	35,251	524,061		492,616		20,026	4,087,072	1,718,156	35,122
University of Missouri	140,685	35,897	494,383	1,687	395,111	7,956		568,222		
Montana State College	34,919	23,030	83,364	32,218	94,809			1,919,279	20,740	236,067
University of Nebraska	67,418	26,923	193,976	49,782	181,610	5,400		520,983	12,394	2,600
University of Nevada	14,796	20,583	26,038	11,044	40,569	14,130		1,973,938	52,808	58,604
University of New Hampshire	24,919	21,814	45,230	1,135	26,745	6,752	17,067	187,903		5,347
								782,779		14,321

Rutgers University (N. J.)	64,818	26,667	71,391	8,154	50,225			2,656,131		28,542
New Mexico A. & M. College	35,456	23,096	84,068		107,615	12,808		294,181		
Cornell University (N. Y.)	175,678	40,136	282,401		255,096	181,860		2,412,220	1,264,927	38,036
North Carolina State College	198,033	42,624	616,135		582,610		88,485	1,169,357	110,688	
North Dakota Agricultural College	46,528	24,442	137,807	38,705	158,135	5,730		240,423		
Ohio State University	174,344	39,986	494,662		276,585			5,121,925		171,579
Oklahoma A. & M. College	114,336	32,689	354,232	51,345	326,650	12,110		2,551,094	90,765	11,423
Oregon State College	49,965	24,860	112,951		132,843		895	1,053,600	46,992	
Pennsylvania State College	247,308	48,859	348,634		231,236	5,260	1,620	4,069,918	1,707,837	
University of Puerto Rico	103,315		407,060			10,000		611,482	82,484	24,715
Rhode Island State College	14,295	20,522	23,906		6,077	2,350		340,000		
Clemson Agricultural College (S. C.)	112,653	32,487	349,275	2,352	321,505	16,602		641,134		14,263
South Dakota State College	52,809	24,223	122,316	59,840	142,204	3,720		321,782	5,000	
University of Tennessee	145,296	36,480	478,228		447,523		104,989	2,244,581		
A. & M. College of Texas	260,921	50,515	796,775	82,299	716,178	5,447		1,418,000		
Utah State Agricultural College	27,594	22,123	57,596	13,607	76,743	5,594	1,964	632,152	16,700	
University of Vermont	20,902	22,065	58,270	5,484	49,401	1,750		731,568	37,426	20,650
Virginia Polytechnic Institute	134,126	35,095	374,362		299,585	5,879		815,546		
State College of Washington	68,315	27,092	142,283		159,509	15,560		757,877	29,379	6,617
West Virginia University	107,955	31,443	211,329		186,843		3,168	1,336,748	500	13,261
University of Wisconsin	114,456	32,708	337,178	1,215	275,100	16,699		3,099,696	262,598	46,391
University of Wyoming	21,256	21,389	46,207	19,572	70,891	1,687		595,402		
INSTITUTIONS FOR NEGROES										
Total Negro								2,471,968		173,534
Alabama A. & M. College								73,758		3,520
A. M. & N. College (Ark.)								272,008		
Delaware State College								39,317		1,681
Florida A. & M. College for Negroes								204,969		
Fort Valley State College (Ga.)								41,832		25,917
Kentucky State College								34,436		
Southern University & A. & M. College (La.)								120,395		
Maryland State College								39,312		
Alcorn A. & M. College (Miss.)								137,728		
Lincoln University (Mo.)								28,704		
A. & T. College of North Carolina								213,896		
Langston University (Okla.)								155,190		15,718
South Carolina State A. & M. College								144,359		22,896
Tennessee A. & I. State College								252,584		97,721
Prairie View A. & M. College (Tex.)								211,000		
Virginia State College								75,000		
West Virginia State College								227,195		6,062

Table 18.—LAND-GRANT FUNDS OF 1862 (FIRST MORRILL ACT), AND OTHER FEDERAL LAND-GRANT FUNDS, FOR YEAR ENDED JUNE 30, 1949

State	Land-grant funds of 1862											Other Federal land grants		
	Condition of fund			Balance on hand July 1, 1948	Receipts		Total columns 5-7	Disbursements			Balance on hand July 1, 1949	Unsold land (value)	Amount of fund, not including unsold land	Income 1948-49
	Amount of fund, not including unsold land	Unsold land			Income on invested funds	Income from rentals, rights, deferred payments, etc.		Salaries	Facilities	Total				
		Number of acres	Value											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GRAND TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total white	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total negro	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Alabama	278,282				27,420		27,420	26,181	639	26,819	627			
Arizona	268,000				20,260		20,260	20,260		20,260				
Arkansas	65,262	180,000	300,000	2,020	1,557	6,808	10,385		5,970	5,970	4,415	498,080	888,819	44,997
California	132,007				6,633		6,633	6,633		6,633				
Colorado	771,502	480	4,800	117,846	22,172		140,018				140,018		89,886	3,200
	891,125			15,276	21,328		36,703	16,830		16,830	19,873			
Connecticut	126,000			89,133										
Delaware	84,381				4,268		63,201	63,201		63,201				
Florida	179,287				1,400		1,400	1,400		1,400				
Georgia	242,302				7,750		7,750	7,750		7,750				
Idaho	1,218,239	46,128	451,377	12,485	6,180		6,680	4,280	1,800	6,080	2,575		68,304	2,260
				1,926	35,267		37,171	11,111	26,060	37,171		1,087,122	3,753,263	128,759
Illinois	648,013													
Indiana	340,000				22,451		22,451	22,451		22,451				
Iowa	646,949				11,485		11,485	6,816		6,816	4,640			
Kansas	557,121	4,000	30,000	9,707	17,400		17,400	17,400		17,400				
Kentucky:					14,829	200	24,729	10,000		10,000	14,736			
White	165,000													
Negro	28,926				8,645		8,645	8,645		8,645				
					1,266		1,266		628	628	627			
Louisiana	182,313													
Maine	118,300				9,116		9,116	9,116		9,116				
Maryland	182,400				4,915		4,915		4,915	4,915			126,000	5,440
					3,310		3,310	3,310		3,310				

Massachusetts:														
Massachusetts Institute of Technology	73,000				3,000		3,000	3,100	1,500	3,600				
University of Massachusetts	140,000				7,300		7,300	6,372		6,372	928			
Michigan	1,000,000				74,150		74,150		74,150	74,150				
Minnesota	28,402,700	28,578	117,091		803,844	1,496	804,140	804,140		804,140				
Mississippi:														
White	98,575				5,914		5,914	5,914		5,914			141,212	8,473
Negro	98,200				12,502		12,502	12,502		12,502				
Missouri	815,420	20,570	81,480		20,815	688	21,503	21,503		21,503			122,000	7,320
Montana	677,002	65,477	664,700	7,052	16,287	10,946	34,285	12,433	19,144	31,579	2,707	402,386	283,910	6,370
Nebraska	697,962	4,074	73,338	12,527	17,327	3,886	34,219				34,219	103,080	319,130	13,094
Nevada	135,820	380	651	440	3,818		3,694	3,818		3,818	146	46,080	68,133	1,054
New Hampshire	80,000				4,300		4,300		4,300	4,300				
New Jersey	116,000				5,300		5,300	5,300		5,300				
New Mexico	682,700			571	15,938	40,379	56,578		49,797	49,797	7,081			
New York	688,376			34,420	34,420		68,838	34,420		34,420	34,420			
North Carolina	138,000				7,300		7,300	7,300		7,300				
North Dakota	1,910,419	16,715	167,147	69,349	69,479		129,828	115,200		115,200	14,582			
Ohio	824,177			27	31,451		31,478	31,413		31,413	65		288,222	13,094
Oklahoma												1,619,610	5,117,670	116,036
Oregon	213,316	421	1,824	900	5,944		6,910	6,910		6,910				
Pennsylvania	800,000				26,000		26,000	26,000		26,000			17,000	1,020
Rhode Island	80,000				1,780		1,780	1,780		1,780				
South Carolina:														
White	95,000				5,754		5,754	5,754		5,754				
Negro	95,000				5,754		5,754	5,754		5,754				
South Dakota	697,732	68,002	680,020		14,901	34,652	39,553	39,553		39,553		202,341	202,584	13,184
Tennessee	400,000				12,291		12,291	12,291		12,291				
Texas	200,000			2,328	10,440		12,778	6,460	848	9,308	3,470			
Utah	346,175	30,550	98,862		9,800	7,365	17,255		17,256	17,256				
Vermont	122,000				7,320		7,320	7,320		7,320				
Virginia:														
White	344,212				16,250		16,250	16,250		16,250				
Negro	173,000				7,535		7,535	7,535		7,535				
Washington	2,855,001	62,002	2,807,048		72,202	5,287	77,489	77,489		77,489		3,330,582	6,985,062	172,032
West Virginia	126,300			7,126	3,494		12,620	1,000		1,000	11,620			
Wisconsin	303,410				5,500		5,500		5,500	5,500			232,422	7,928
Wyoming	446,081	72,868	10,728,020	8,469	11,844	15,268	35,579	26,422		26,422	10,156	350,540	2,948,766	81,050

[1] This is not the balance with which this institution closed its books as of June 30, 1948, as reported in Bulletin No. 8, 1949 for the fiscal year ended June 30, 1948. Institution reports that the balances given on report for June 30, 1948, was in error.

[1] Represents a payment made to North Georgia College, Dahlonega.

Table 19.—RECEIPTS AND DISBURSEMENTS OF MORRILL-NELSON AND BANKHEAD-JONES FUNDS FOR YEAR ENDED JUNE 30, 1949

State	Percent to institution	Balance on hand July 1, 1948	Appropriations for year ended June 30, 1949	Total funds available	Disbursements			Balance on hand July 1, 1949
					Salaries	Facilities	Total	
1	2	3	4	5	6	7	8	9
GRAND TOTAL	100.00	$103,171.78	$5,030,000.00	$5,133,171.78	$4,562,705.72	$572,936.93	$5,135,722.65	$43,449.13
Total white	99.50	105,594.20	4,552,435.50	4,718,029.70	4,122,735.55	549,293.91	4,672,014.56	36,015.14
Total Negro	0.50	2,577.58	477,564.50	480,142.08	439,970.17	23,643.02	473,708.09	6,433.99
Alabama:								
White	65.05		66,567.28	66,567.28	66,567.28		66,567.28	
Negro	34.95		35,765.19	35,765.19	22,092.78	13,672.41	35,765.19	
Alaska	100.00		50,000.00	50,000.00	50,000.00		50,000.00	
Arizona	100.00		75,698.05	75,698.05	75,698.05		75,698.05	
Arkansas:								
White	72.73		67,089.67	67,089.67	67,089.67		67,089.67	
Negro	27.27		25,158.62	25,158.62	25,158.62		25,158.62	
California	100.00		148,833.74	148,833.74	148,833.74		148,833.74	
Colorado	100.00		82,820.14	82,820.14	82,820.14		82,820.14	
Connecticut	100.00		89,507.51	89,507.51	89,507.51		89,507.51	
Delaware:								
White	80.00		88,433.29	88,433.29	88,433.29		88,433.29	
Negro	20.00		14,608.32	14,608.32	10,000.00	4,608.32	14,608.32	
Florida:								
White	80.00	.55	45,827.55	45,828.10	45,826.45		45,826.45	1.65
Negro	20.00	5.30	45,827.56	45,832.86	45,814.00		45,814.00	18.86
Georgia:								
White	66.67		70,433.94	70,433.94	67,900.00	2,533.94	70,433.94	
Negro	33.33		35,217.00	35,217.00	35,217.00		35,217.00	
Hawaii	100.00	308.87	74,851.46	75,160.33	74,752.00		74,752.00	408.33
Idaho	100.00		75,990.36	75,990.36	75,990.36		75,990.36	
Illinois	100.00		160,130.90	160,130.90	160,130.90		160,130.90	
Indiana	100.00		109,121.30	109,121.30	82,904.00	26,217.30	109,121.30	
Iowa	100.00		98,989.15	98,989.15	98,989.15		98,989.15	
Kansas	100.00		90,554.99	90,554.99	90,554.99		90,554.99	
Kentucky:								
White	85.50		87,617.87	87,617.87	87,617.87		87,617.87	
Negro	14.50		14,869.17	14,869.17	14,869.17		14,869.17	
Louisiana:								
White	63.96		62,027.69	62,027.69	62,027.69		62,027.69	
Negro	36.04		34,951.19	34,951.19	34,951.19		34,951.19	
Maine	100.00		79,669.36	79,669.36	79,669.36		79,669.36	
Maryland:								
White	83.30		75,624.79	75,624.79	75,624.79		75,624.79	
Negro	16.70		15,161.00	15,161.00	15,161.00		15,161.00	
Massachusetts:								
Massachusetts Institute of Technology	13.97		16,666.67	16,666.67	16,500.00	166.67	16,666.67	
University of Massachusetts	86.03		102,599.90	102,599.90	102,599.90		102,599.90	
Michigan	100.00		129,987.73	129,987.73		129,987.73	129,987.73	

Minnesota	100.00		101,868.41	101,868.41	101,868.41		101,868.41	
Mississippi:								
White	43.86		41,632.00	41,632.00	41,632.00		41,632.00	
Negro	56.14		53,291.58	53,291.58	53,291.58		53,291.58	
Missouri:								
White	93.75		106,119.58	106,119.58	106,119.58		106,119.58	
Negro	6.25	1,403.97	7,074.94	8,543.61	1,695.64	1,170.32	2,865.96	5,706.65
Montana	100.00		76,285.05	76,285.05	43,707.64	32,677.41	76,285.05	
Nebraska	100.00		85,017.57	85,017.57	85,017.57		85,017.57	
Nevada	100.00		71,268.25	71,268.25	71,268.25		71,268.25	
New Hampshire	100.00		75,609.75	75,609.75	75,609.75		75,609.75	
New Jersey	100.00		117,479.80	117,479.80	117,479.80		117,479.80	
New Mexico	100.00		76,089.62	76,089.62	24,840.00	51,249.62	76,089.62	
New York	100.00	271.92	233,936.92	234,108.84	217,724.00		217,724.00	6,384.84
North Carolina:								
White	67.00		74,211.08	74,211.08	74,211.08		74,211.08	
Negro	33.00		36,551.72	36,551.72	36,551.72		36,551.72	
North Dakota	100.00		77,326.39	77,326.39	77,326.39		77,326.39	
Ohio	100.00	148,896.31	148,896.31	297,672.62		268,395.16	268,395.16	28,277.46
Oklahoma:								
White	90.01		87,000.00	87,000.00	87,000.00		87,000.00	
Negro	9.99		9,665.64	9,665.64	9,665.64		9,665.64	
Oregon	100.00		82,436.51	82,436.51	82,436.51		82,436.51	
Pennsylvania	100.00		182,990.38	182,990.38	182,990.38		182,990.38	
Puerto Rico	100.00	199.47	50,000.00	50,199.47	50,175.00		50,175.00	24.47
Rhode Island	100.00		78,141.40	78,141.40	78,141.40		78,141.40	
South Carolina:								
White	50.00		45,841.20	45,841.20	45,841.20		45,841.20	
Negro	50.00	612.94	45,841.20	46,454.14	45,841.20		45,841.20	612.94
South Dakota	100.00		77,338.09	77,338.09	72,753.29	4,584.80	77,338.09	
Tennessee:								
White	84.58		87,351.53	87,351.53	87,351.53		87,351.53	
Negro	15.42		15,926.87	15,926.87	11,730.00	4,196.87	15,926.87	
Texas:								
White	75.00		107,409.10	107,409.10	97,060.68	10,358.42	107,409.10	
Negro	25.00		35,803.03	35,803.03	35,803.03		35,803.03	
Utah	100.00		76,280.66	76,280.66	76,280.66		76,280.66	
Vermont	100.00		74,099.89	74,099.89	74,099.89		74,099.89	
Virginia:								
White	66.67		67,040.88	67,040.88	67,040.88		67,040.88	
Negro	33.33		33,520.44	33,520.44	33,520.44		33,520.44	
Washington	100.00		89,815.07	89,815.07	89,815.07		89,815.07	
West Virginia:								
White	80.00		73,365.73	73,365.73	73,365.73		73,365.73	
Negro	20.00	490.27	18,341.43	18,831.70	18,736.16		18,736.16	95.54
Wisconsin	100.00	15,977.18	105,809.17	121,786.35	98,710.00	22,237.96	120,947.96	838.39
Wyoming	100.00		72,861.72	72,861.72	72,861.72		72,861.72	

[1] Appropriations are made to States, not to institutions, under acts of Congress approved Aug. 30, 1890 (second Morrill Act), Mar. 4, 1907 (Nelson amendment), and June 30, 1935 (sec. 22 Bankhead-Jones Act).